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NASA Technical Memorandum X-73911

Subsonic Longitudinal Aerodynamic Characteristics
and Engine Pressure Distributions for an Aircraft
with an Integrated Scramjet Designed for Mach 6
Cruise

(NASA-TM-X-73911) SUBSONIC LONGITUDINAL
AERODYNAMIC CHARACTERISTICS AND ENGINE
PRESSURE DISTRIBUTIONS FOR AN AIRCRAFT WITH
AN INTEGRATED SCRAMJET DESIGNED FOR MACH 6
CRUISE (NASA) 400 p HC A17/MF A01 CSCL 01A G3/02

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ABSTRACT

A 1/10-scale model of a proposed hypersonic aircraft with an integrated scramjet was tested in the Langley 7- by 10-foot high speed tunnel over a Mach number range from 0.2 to 0.7 and an angle of attack range from -2° to approximately 17° at a sideslip angle of 0° . The primary configuration variables studied were engine location, internal engine geometry, and external engine geometry.

The results are presented without analysis in order to expedite publication.

Introduction

In recent years, joint USAF/NASA studies have indicated the feasibility of designing a hypersonic research vehicle capable of sustained cruise flight at Mach numbers up to 6 utilizing a scramjet propulsion system. (See references 1 and 2.) In this concept, a highly integrated, modular scramjet engine is mounted on the lower surface of the fuselage in such a way that the entire vehicle lower surface serves as part of the engine, the forebody providing precompression of the air and the afterbody serving as the exhaust nozzle.

Employing 1/30-scale models of proposed configurations, experimental studies have been conducted over the Mach number range from 0.2 to 6.0 to validate theoretical predictions of stability, performance, and aerodynamic heating. These models included unpowered scramjet engine pod simulators which were adequate for the tests since the engine would be unpowered over certain segments of the flight profile. However, due to the small size of these models, it was not possible to duplicate the details of the full scale NASA Langley scramjet engine concept as given in references 3 and 4.

For the present study, a 1/10-scale model of a representative configuration was built. This model included an unpowered scramjet engine pod simulator which duplicated all important geometric details of the full scale scramjet concept. In addition, this model scramjet could be configured to duplicate the simpler geometry of the smaller scale models previously tested. The 1/10-scale model was also large enough to be able to incorporate pressure orifices, both on the surface of the model and on selected surfaces within the scramjet.

It is the purpose of the present report to present the results, without discussion, of an investigation of this model at subsonic speeds. Some preliminary results of the present study are presented in reference 5. The study was conducted in the Langley 7- by 10-foot high speed tunnel over a Mach number range from 0.2 to 0.7 and an angle of attack range from -2° to approximately 17° at a sideslip angle of 0° .

SYMBOLS

The International System of Units, with the U. S. Customary Units presented in parenthesis, is used for the physical quantities in this report. (See reference 6). Measurements and calculations were made in the U. S. Customary Units. The data presented in this report are referred to the stability axis. The reference center for moments is shown on Figure 1(a).

b	model reference span, .738 m (29.04 inches)
C_D	drag coefficient, $\frac{\text{Drag}}{qS}$
C_L	lift coefficient, $\frac{\text{Lift}}{qS}$
C_m	pitching moment coefficient, $\frac{\text{Pitching moment}}{qSl}$
C_p	pressure coefficient, $\frac{p - p_\infty}{q}$
l	model reference length, 1.753 m (69.000 inches)
M	free stream Mach number
q	free stream dynamic pressure, Pa (lbs/ft ²)
p	local pressure, Pa (lbs/ft ²)
p_∞	free stream static pressure, Pa (lbs/ft ²)
S	model reference area, .563 m ² (6.05984 ft ²)
α	angle of attack, degrees
δ_{e_L}	left elevon deflection, positive trailing edge down, degrees
δ_{e_R}	right elevon deflection, positive trailing edge down, degrees

CONFIGURATION DESIGNATION

B_1	Body corresponding to θ_1
B_2	Body corresponding to θ_2
B_3	Body corresponding to θ_3
C_2	Combustor insert of figure 1(j)
C_4	Combustor insert of figure 1(k)
F	Fence of figure 1(v)
G	Landing gear of figures 1(t), 1(u)
R	Inlet ramp of figure 1(w)
S_1	Fuel strut of figure 1(i)
S_3	Fuel strut of figures 1(g), 1(h)
X_1	Engine location corresponding to θ_1
X_2	Engine location corresponding to θ_2
X_3	Engine location corresponding to θ_3
θ_1	Exhaust ramp of figure 1(n)
θ_2	Exhaust ramp of figure 1(o)
θ_3	Exhaust ramp of figure 1(p)

DESCRIPTION OF THE MODEL

Drawings of the 1/10-scale model tested are presented in Figure 1. Photographs of the model installed in the Langley 7- by 10-foot high speed tunnel are presented in Figure 2.

The fuselage consisted of a metal strongback with a fiberglass skin having contours as shown in Figure 1(q). The fuselage lower surface consisted of an inclined plane with rounded corners which blended into the sides of the body. The wings and vertical tail were constructed of metal with planforms and airfoil sections as shown in Figures 1(r) and 1(s) respectively.

The scramjet engine (Figures 1(c) through 1(k)) consisted of six modules located symmetrically with respect to the vehicle plane of symmetry. The engine could be mounted at three different positions along the inclined plane of the lower fuselage surface (see Figure 1(b)). Each engine location utilized a different exhaust ramp (see Figures 1(n), 1(o), 1(p)).

The lower surface of the body incorporated pressure orifices as shown in Figure 1(m). The engine included pressure orifices on the upper wall (labeled engine baseplate in Figure 1(c)) and on the interior partitions (Figure 1(l)). The exhaust ramps also incorporated pressure orifices (Figures 1(n), 1(o), 1(p)).

To represent the full scale scramjet engine concept, the model scramjet was configured with the triple fuel strut (Figures 1(g) and 1(h)) and the baseline combustor insert (Figure 1(j)). To represent

the 1/30-scale model simplified scramjet, the model scramjet was configured with the single fuel strut (Figure 1(i)) and the combustor insert was omitted.

APPARATUS, TESTS, AND CORRECTIONS

The present study was conducted in the Langley 7- by 10-foot high speed tunnel. Forces and moments were measured by an internally mounted, six-component strain-gage balance.

The tests were made at Mach numbers of 0.2, 0.4, 0.6, and 0.7 which correspond to Reynolds numbers based on model reference length of 8.3, 15.5, 21.2, and 24.4×10^6 , respectively. The angle of attack range was from -2° to approximately 17° at a sideslip angle of 0° .

The drag measured by the balance was corrected to a condition of free-stream static pressure acting on the balance chamber area. The drag was not corrected for pressures acting on the base area of the body (See Figure 2(b)). Transition strips of 0.0032 m (.125 inch) width composed of No. 120 Carborundum grains were placed 0.0127 m (.5 inch) streamwise from the leading edges of the wing, vertical tail, and the engine inlet as well as 0.08763 m (3.45 inch) aft of the fuselage nose.

Surface pressures were measured by means of scanning pressure valves employing 34474 Pa (5 psi) differential pressure transducers referenced to free-stream static pressure.

PRESENTATION OF RESULTS

The results are presented without analysis in order to expedite publication. The longitudinal aerodynamic characteristics are presented in the following figures:

	<u>Figure</u>
Configuration $B_2\theta_2$:	
Effect of Mach number	3
Effect of elevon deflection	4
Configuration $B_3X_3S_3C_2\theta_3F$:	
Effect of Mach number	5
Effect of elevon deflection	6
Configuration $B_3X_3S_3C_2\theta_3$:	
Effect of Mach number	7
Effect of elevon deflection	8
Configuration $B_1X_1S_3C_2\theta_1$:	
Effect of Mach number	9
Effect of elevon deflection	10
Configuration $B_2X_2S_3C_2\theta_2$:	
Effect of Mach number	11
Effect of elevon deflection	12
Effect of landing gear	13
Effect of inlet ramp	14
Configuration $B_2X_2S_3\theta_2$:	
Effect of combustor inserts	15

Configuration $B_{22}A_{12}C_{12}$:

Effect of fuel struts

16

The run schedule is presented in Table I, whereas the surface pressures are presented in coefficient form in Table II. Figures 1(c), 1(l), 1(m), 1(n), 1(o), 1(p) serve to define the indices used to identify the pressure coefficient given in Table II.

REFERENCES

1. Hearth, Donald P. and Preyss, Albert E.: Hypersonic Technology - Approach to an Expanded Program. Astronautics and Aeronautics. Dec. 1976.
2. Kirkham, F. S.; Jones, R. A.; Buck, M. L.; and Zima, W. P.: Joint USAF/NASA Hypersonic Research Aircraft Study. AIAA Paper No. 75-1039.
3. Henry, John R. and Anderson, G. Y.: Design Considerations for the Airframe-Integrated Scramjet. NASA TM X-2895, Dec. 1973.
4. Trexler, Carl A. and Sounders, Sue W.: Design and Performance at a Local Mach Number of 6 of an Inlet for an Integrated Scramjet Concept. NASA TN D-7944, Aug. 1975.
5. Johnston, P. J.; Pittman, J. L.; and Huffman, J. K.: Effect of an Integrated Scramjet Installation on the Subsonic Performance of an Aircraft Designed for Mach 6 Cruise. AIAA Paper No. 77-1230. Presented at the AIAA Aircraft Systems and Technology Meeting, Seattle, Washington, August 22-24, 1977.
6. Mechtly, E. A.: The International System of Units, NASA SP-7012, 1964.

Table I. Run Schedule

Run	M	Configuration	δ_{e_L} Degrees	δ_{e_R} Degrees
1	.4	$B_3 X_3 S_3 C_2 \theta_3^F$	0	0
3	.6	$B_3 X_3 S_3 C_2 \theta_3^F$	0	0
4	.2	$B_3 X_3 S_3 C_2 \theta_3^F$	0	0
5	.7	$B_3 X_3 S_3 C_2 \theta_3^F$	0	0
6	.4	$B_3 X_3 S_3 C_2 \theta_3^F$	10	10
7	.4	$B_3 X_3 S_3 C_2 \theta_3^F$	-10	-10
8	.6	$B_3 X_3 S_3 C_2 \theta_3^F$	-10	-10
9	.4	$B_3 X_3 S_3 C_2 \theta_3^F$	-20	-20
10	.4	$B_3 X_3 S_3 C_2 \theta_3$	-20	-20
11	.4	$B_3 X_3 S_3 C_2 \theta_3$	-10	-10
12	.6	$B_3 X_3 S_3 C_2 \theta_3$	-10	-10
13	.4	$B_3 X_3 S_3 C_2 \theta_3$	10	10
14	.7	$B_3 X_3 S_3 C_2 \theta_3$	0	0
15	.6	$B_3 X_3 S_3 C_2 \theta_3$	0	0
16	.4	$B_3 X_3 S_3 C_2 \theta_3$	0	0
17	.2	$B_3 X_3 S_3 C_2 \theta_3$	0	0
18	.4	$B_1 X_1 S_3 C_2 \theta_1$	0	0
19	.6	$B_1 X_1 S_3 C_2 \theta_1$	0	0
20	.4	$B_1 X_1 S_3 C_2 \theta_1$	-20	-20
21	.4	$B_1 X_1 S_3 C_2 \theta_1$	-10	-10
22	.6	$B_1 X_1 S_3 C_2 \theta_1$	-10	-10
23	.4	$B_1 X_1 S_3 C_2 \theta_1$	10	10
24	.4	$B_2 X_2 S_3 C_2 \theta_2^G$	0	0
25	.4	$B_2 X_2 S_3 C_2 \theta_2^R$	0	0
26	.6	$B_2 X_2 S_3 C_2 \theta_2^R$	0	0

Run	M
27	.7
28	.6
29	.4
30	.2
31	.4
32	.4
33	.6
34	.4
35	.4
36	.6
37	.4
38	.6
39	.4
40	.6
41	.4
42	.6
43	.4
44	.6
45	.7
46	.2
47	.4
48	.4
49	.6
50	.4

Configuration

$B_2X_2S_3C_2\theta_2$

$B_2X_2S_3C_2\theta_2$

$B_2X_2S_3C_2\theta_2$

$B_2X_2S_3C_2\theta_2$

$B_2X_2S_3C_2\theta_2$

$B_2X_2S_3C_2\theta_2$

$B_2X_2S_3C_2\theta_2$

$B_2X_2S_3C_2\theta_2$

$B_2X_2S_3C_4\theta_2$

$B_2X_2S_3C_4\theta_2$

$B_2X_2S_3C_1\theta_2$

$B_2X_2S_3C_1\theta_2$

$B_2X_2S_2C_1\theta_2$

$B_2X_2S_2C_1\theta_2$

$B_2X_2S_1C_1\theta_2$

$B_2X_2S_1C_1\theta_2$

$B_2\theta_2$

$B_2\theta_2$

$B_2\theta_2$

$B_2\theta_2$

$B_2\theta_2$

$B_2\theta_2$

$B_2\theta_2$

$B_2\theta_2$

δ_{e_L} Degrees	δ_{e_R} Degrees
0	0
0	0
0	0
0	0
10	10
-10	-10
-10	-10
-20	-20
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
10	10
-10	-10
-10	-10
-20	-20

TABLE II. TABULATION OF SURFACE PRESSURE COEFFICIENTS

TEST 16 RUN 1

TP 2773. MACH .399 Q 10061.8 P1 90113.8 ALPHA -1.88

CP101	-.0306	CP124	.2143	CP401	-.2388	CP424	-.1580
CP102	-.0275	CP125	.1614	CP402	-.2436		
CP103	-.0251	CP126	-.0076	CP403	-.2685		
CP104	-.0288	CP127	-.3153	CP404	-.3218		
CP105	-.0093	CP128	-.7321	CP405	-.3090		
CP106	-.0196	CP129	-1.8420	CP406	-.2485		
CP107	-.0136	CP130	-1.3365	CP407	-.2397		
CP108	-.0251	CP131	-.8856	CP408	-.2477		
CP109	-.0110	CP132	-.5126	CP409	-.2620		
CP110	-.0204	CP133	-.3900	CP410	-.3169		
CP111	.1610	CP134	-.2735	CP411	-.3234		
CP112	.2032	CP135	.1962	CP412	-.2845		
CP113	.1563	CP136	.2074	CP413	-.2389		
CP114	-.0228	CP137	.1566	CP414	-.2443		
CP115	-.3148	CP138	-.0601	CP415	-.2556		
CP116	-.7162	CP139	-.3416	CP416	.3659		
CP117	-1.8631	CP140	-.7591	CP417	-.3007		
CP118	-1.3072	CP141	-1.8694	CP418	-.2846		
CP119	-.8381	CP142	-1.2573	CP419	-.4527		
CP120	-.4948	CP143	-.8839	CP420	-.1439		
CP121	-.4175	CP144	-.4995	CP421	-.1376		
CP122	-.2611	CP145	-.4016	CP422	-.1689		
CP123	.1885	CP146	-.2705	CP423	-.1622		

TEST

16

RUN 1

TP 2774.

MACH .402

Q

10174.7

P1

89983.2

ALPHA .04

CP101	-.0185	CP124	.2327	CP401	-.2558	CP424	-.1587
CP102	-.0127	CP125	.1839	CP402	-.2534		
CP103	-.0100	CP126	.0088	CP403	-.2806		
CP104	-.0144	CP127	-.3012	CP404	-.3296		
CP105	.0062	CP128	-.7158	CP405	-.3160		
CP106	-.0052	CP129	-1.8754	CP406	-.2524		
CP107	.0022	CP130	-1.3566	CP407	-.2449		
CP108	-.0058	CP131	-.8958	CP408	-.2531		
CP109	.0082	CP132	-.5181	CP409	-.2745		
CP110	.0011	CP133	-.3995	CP410	-.3247		
CP111	.1846	CP134	-.2778	CP411	-.3253		
CP112	.2272	CP135	.2196	CP412	-.2785		
CP113	.1782	CP136	.2335	CP413	-.2417		
CP114	-.0018	CP137	.1814	CP414	-.2473		
CP115	-.2983	CP138	-.0369	CP415	-.2589		
CP116	-.7037	CP139	-.3237	CP416	.1887		
CP117	-1.8946	CP140	-.7492	CP417	-.3054		
CP118	-1.3374	CP141	-1.9056	CP418	-.2890		
CP119	-.8610	CP142	-1.2794	CP419	-.4486		
CP120	-.5056	CP143	-.8898	CP420	-.1362		
CP121	-.4327	CP144	-.5112	CP421	-.1357		
CP122	-.2687	CP145	-.4057	CP422	-.1663		
CP123	.2072	CP146	-.2804	CP423	-.1616		

TEST

16

RUN 1

TP 2775.

MACH .400

Q

10072.9

P1

90089.1

ALPHA 4.01

CP101	.0166	CP124	.2821	CP401	-.2603	CP424	-.1573
CP102	.0236	CP125	.2272	CP402	-.2677		
CP103	.0258	CP126	.0524	CP403	-.2979		
CP104	.0208	CP127	-.2664	CP404	-.3324		
CP105	.0445	CP128	-.6993	CP405	-.3188		
CP106	.0328	CP129	-1.9163	CP406	-.2525		
CP107	.0390	CP130	-1.4057	CP407	-.2603		
CP108	.0319	CP131	-.9090	CP408	-.2641		
CP109	.0460	CP132	-.5330	CP409	-.2861		
CP110	.0413	CP133	-.4144	CP410	-.3268		
CP111	.2240	CP134	-.2899	CP411	-.3253		
CP112	.2771	CP135	.2713	CP412	-.2799		
CP113	.2276	CP136	.2868	CP413	-.2544		
CP114	.0395	CP137	.2363	CP414	-.2523		
CP115	-.2648	CP138	.0213	CP415	-.2656		
CP116	-.6797	CP139	-.2725	CP416	.0680		
CP117	-1.9247	CP140	-.7097	CP417	-.3046		
CP118	-1.3832	CP141	-1.9248	CP418	-.2899		
CP119	-.8759	CP142	-1.3102	CP419	-.4327		
CP120	-.5252	CP143	-.8925	CP420	-.1221		
CP121	-.4461	CP144	-.5258	CP421	-.1395		
CP122	-.2783	CP145	-.4221	CP422	-.1620		
CP123	.2544	CP146	-.2865	CP423	-.1494		

TEST

16

RUN

1

TP 2776.

MACH .399

Q

10044.1

P1

90124.6

ALPHA 8.06

CP101	.0689	CP124	.3413	CP401	-.2688	CP424	-.1202
CP102	.0769	CP125	.2826	CP402	-.2729		
CP103	.0775	CP126	.1062	CP403	-.3000		
CP104	.0752	CP127	-.2139	CP404	-.3211		
CP105	.0974	CP128	-.6531	CP405	-.3024		
CP106	.0869	CP129	-1.9296	CP406	-.2421		
CP107	.0922	CP130	-1.4511	CP407	-.2608		
CP108	.0824	CP131	-.9080	CP408	-.2722		
CP109	.0983	CP132	-.5440	CP409	-.2900		
CP110	.0906	CP133	-.4256	CP410	-.3171		
CP111	.2729	CP134	-.2990	CP411	-.3131		
CP112	.3369	CP135	.3250	CP412	-.2702		
CP113	.2802	CP136	.3374	CP413	-.2593		
CP114	.0986	CP137	.2843	CP414	-.2613		
CP115	-.2167	CP138	.0692	CP415	-.2708		
CP116	-.6414	CP139	-.2411	CP416	-.0294		
CP117	-1.9487	CP140	-.6879	CP417	-.2935		
CP118	-1.4333	CP141	-1.9704	CP418	-.2794		
CP119	-.8765	CP142	-1.3515	CP419	-.3945		
CP120	-.5413	CP143	-.9053	CP420	-.0858		
CP121	-.4614	CP144	-.5460	CP421	-.1217		
CP122	-.2884	CP145	-.4486	CP422	-.1705		
CP123	.3098	CP146	-.3128	CP423	-.1114		

TEST

16

RUN 1

TP 2777.

MACH .400

Q

10076.5

P1

90109.2

ALPHA 12.13

CP101	.1253	CP124	.3978	CP401	-.2907	CP424	-.0927
CP102	.1340	CP125	.3356	CP402	-.3004		
CP103	.1387	CP126	.1616	CP403	-.3305		
CP104	.1363	CP127	-.1667	CP404	-.3390		
CP105	.1576	CP128	-.6169	CP405	-.3129		
CP106	.1484	CP129	-1.9970	CP406	-.2404		
CP107	.1567	CP130	-1.5258	CP407	-.2909		
CP108	.1389	CP131	-.9368	CP408	-.2971		
CP109	.1568	CP132	-.5797	CP409	-.3208		
CP110	.1399	CP133	-.4718	CP410	-.3336		
CP111	.3225	CP134	-.3393	CP411	-.3233		
CP112	.3927	CP135	.3811	CP412	-.2636		
CP113	.3301	CP136	.3984	CP413	-.2949		
CP114	.1576	CP137	.3380	CP414	-.2938		
CP115	-.1658	CP138	.1317	CP415	-.3048		
CP116	-.6087	CP139	-.1855	CP416	-.1000		
CP117	-2.0557	CP140	-.6447	CP417	-.3281		
CP118	-1.5558	CP141	-2.0012	CP418	-.2908		
CP119	-.9167	CP142	-1.3876	CP419	-.3565		
CP120	-.5875	CP143	-.9072	CP420	-.0550		
CP121	-.5128	CP144	-.5631	CP421	-.0839		
CP122	-.3375	CP145	-.4709	CP422	-.2035		
CP123	.3659	CP146	-.3380	CP423	-.0995		

TEST

16

RUN 1

TP 2778.

MACH .401

Q

10117.0

P1

90065.3

ALPHA 16.21

CP101	.2044	CP124	.4583	CP401	-.2804	CP424	-.0614
CP102	.2103	CP125	.3945	CP402	-.3055		
CP103	.2145	CP126	.2262	CP403	-.3439		
CP104	.2138	CP127	-.0993	CP404	-.3503		
CP105	.2344	CP128	-.5553	CP405	-.3183		
CP106	.2230	CP129	-1.9990	CP406	-.2223		
CP107	.2289	CP130	-1.5457	CP407	-.3056		
CP108	.2082	CP131	-.9310	CP408	-.3172		
CP109	.2189	CP132	-.5937	CP409	-.3401		
CP110	.1956	CP133	-.4886	CP410	-.3613		
CP111	.3711	CP134	-.3649	CP411	-.3461		
CP112	.4469	CP135	.4407	CP412	-.2596		
CP113	.3829	CP136	.4545	CP413	-.3272		
CP114	.2227	CP137	.3944	CP414	-.3295		
CP115	-.1086	CP138	.1952	CP415	-.3296		
CP116	-.5614	CP139	-.1159	CP416	-.1531		
CP117	-2.0921	CP140	-.5746	CP417	-.3509		
CP118	-1.6033	CP141	-1.9668	CP418	-.3060		
CP119	-.9231	CP142	-1.3802	CP419	-.3525		
CP120	-.6108	CP143	-.8784	CP420	-.0219		
CP121	-.5513	CP144	-.5519	CP421	-.0555		
CP122	-.3726	CP145	-.4669	CP422	-.2091		
CP123	.4248	CP146	-.3290	CP423	-.1001		

TEST

16

RUN 1

TP 2779.

MACH .400

Q

10087.3

P1

90114.5

ALPHA 20.27

CP101	.2725	CP124	.5234	CP401	-.2969	CP424	-.0155
CP102	.2829	CP125	.4537	CP402	-.3247		
CP103	.2884	CP126	.2945	CP403	-.3585		
CP104	.2870	CP127	-.0297	CP404	-.3743		
CP105	.3043	CP128	-.4897	CP405	-.3302		
CP106	.2930	CP129	-1.9947	CP406	-.2044		
CP107	.3032	CP130	-1.5679	CP407	-.3288		
CP108	.2769	CP131	-.9145	CP408	-.3378		
CP109	.2902	CP132	-.6040	CP409	-.3542		
CP110	.2567	CP133	-.5074	CP410	-.3715		
CP111	.4251	CP134	-.3809	CP411	-.3417		
CP112	.5061	CP135	.5017	CP412	-.2326		
CP113	.4329	CP136	.5164	CP413	-.3374		
CP114	.2904	CP137	.4563	CP414	-.3417		
CP115	-.0464	CP138	.2674	CP415	-.3421		
CP116	-.5176	CP139	-.0403	CP416	-.1986		
CP117	-2.1077	CP140	-.5043	CP417	-.3509		
CP118	-1.6387	CP141	-1.9490	CP418	-.2900		
CP119	-.9144	CP142	-1.3734	CP419	-.3935		
CP120	-.6222	CP143	-.8467	CP420	-.0188		
CP121	-.5604	CP144	-.5535	CP421	-.0469		
CP122	-.3899	CP145	-.4847	CP422	-.1926		
CP123	.4855	CP146	-.3483	CP423	-.0732		

TEST

16

RUN 3

TP 2601.

MACH .598

Q

19996.8

P1

79911.2

ALPHA -1.92

CP101	-.0217	CP124	.2740	CP401	-.1992	CP424	-.1625
CP102	-.0171	CP125	.2423	CP402	-.2003		
CP103	-.0182	CP126	.0782	CP403	-.2177		
CP104	-.0196	CP127	-.1796	CP404	-.2663		
CP105	-.0004	CP128	-.4842	CP405	-.2809		
CP106	-.0154	CP129	-1.4164	CP406	-.2360		
CP107	-.0072	CP130	-1.0119	CP407	-.2068		
CP108	-.0192	CP131	-.9866	CP408	-.2071		
CP109	-.0032	CP132	-.4167	CP409	-.2210		
CP110	-.0091	CP133	-.3301	CP410	-.2610		
CP111	.2041	CP134	-.2414	CP411	-.2794		
CP112	.2611	CP135	.2486	CP412	-.2567		
CP113	.2373	CP136	.2744	CP413	-.2119		
CP114	.0597	CP137	.2393	CP414	-.2107		
CP115	-.1792	CP138	.0255	CP415	-.2171		
CP116	-.4700	CP139	-.2007	CP416	-.2132		
CP117	-1.4088	CP140	-.5185	CP417	-.2689		
CP118	-.9758	CP141	-1.5282	CP418	-.2497		
CP119	-.9186	CP142	-.9959	CP419	-.4819		
CP120	-.4149	CP143	-.9560	CP420	-.1437		
CP121	-.3656	CP144	-.4044	CP421	-.1274		
CP122	-.2419	CP145	-.3400	CP422	-.1659		
CP123	.2372	CP146	-.2461	CP423	-.1648		

TEST

16

RUN 3

TP 2802.

MACH .599

Q

20062.1

P1

79850.3

ALPHA .01

CP101	-.0218	CP124	.2991	CP401	-.2191	CP424	-.1547
CP102	-.0109	CP125	.2632	CP402	-.2224		
CP103	-.0084	CP126	.1005	CP403	-.2349		
CP104	-.0058	CP127	-.1596	CP404	-.2808		
CP105	.0150	CP128	-.4625	CP405	-.2858		
CP106	.0023	CP129	-1.3988	CP406	-.2401		
CP107	.0103	CP130	-1.0134	CP407	-.2124		
CP108	.0005	CP131	-.9961	CP408	-.2152		
CP109	.0176	CP132	-.4221	CP409	-.2253		
CP110	.0137	CP133	-.3346	CP410	-.2658		
CP111	.2266	CP134	-.2467	CP411	-.2862		
CP112	.2873	CP135	.2707	CP412	-.2570		
CP113	.2613	CP136	.2980	CP413	-.2148		
CP114	.0830	CP137	.2661	CP414	-.2131		
CP115	-.1601	CP138	.0546	CP415	-.2185		
CP116	-.4504	CP139	-.1754	CP416	-.2131		
CP117	-1.3888	CP140	-.4959	CP417	-.2631		
CP118	-.9825	CP141	-1.5094	CP418	-.2485		
CP119	-.9310	CP142	-1.0131	CP419	-.4943		
CP120	-.4252	CP143	-.9380	CP420	-.1326		
CP121	-.3777	CP144	-.4132	CP421	-.1263		
CP122	-.2473	CP145	-.3469	CP422	-.1605		
CP123	.2609	CP146	-.2505	CP423	-.1591		

TEST

16

RUN 3

TP 2803.

MACH .601

Q

20159.8

P1

79717.5

ALPHA 4.04

CP101	.0237	CP124	.3548	CP401	-.2218	CP424	-.1458
CP102	.0310	CP125	.3232	CP402	-.2285		
CP103	.0333	CP126	.1503	CP403	-.2418		
CP104	.0345	CP127	-.1135	CP404	-.2832		
CP105	.0586	CP128	-.4146	CP405	-.2819		
CP106	.0414	CP129	-1.3636	CP406	-.2444		
CP107	.0532	CP130	-1.0321	CP407	-.2182		
CP108	.0409	CP131	-1.0161	CP408	-.2239		
CP109	.0565	CP132	-.4359	CP409	-.2352		
CP110	.0524	CP133	-.3499	CP410	-.2762		
CP111	.2691	CP134	-.2563	CP411	-.2886		
CP112	.3415	CP135	.3230	CP412	-.2646		
CP113	.3121	CP136	.3538	CP413	-.2215		
CP114	.1324	CP137	.3241	CP414	-.2219		
CP115	-.1190	CP138	.1069	CP415	-.2218		
CP116	-.4057	CP139	-.1243	CP416	-.2140		
CP117	-1.3554	CP140	-.4430	CP417	-.2649		
CP118	-1.0014	CP141	-1.4735	CP418	-.2525		
CP119	-.9443	CP142	-1.0376	CP419	-.4928		
CP120	-.4383	CP143	-1.0306	CP420	-.1164		
CP121	-.3879	CP144	-.4266	CP421	-.1273		
CP122	-.2500	CP145	-.3648	CP422	-.1540		
CP123	.3126	CP146	-.2660	CP423	-.1443		

TEST

16

RUN 3

TP 2804.

MACH .598

Q

20026.3

P1

79874.1

ALPHA 8.16

CP101	.0822	CP124	.4124	CP401	-.2168	CP424	-.1157
CP102	.0922	CP125	.3780	CP402	-.2246		
CP103	.0941	CP126	.2050	CP403	-.2402		
CP104	.0918	CP127	-.0644	CP404	-.2742		
CP105	.1127	CP128	-.3662	CP405	-.2720		
CP106	.0923	CP129	-1.3388	CP406	-.2385		
CP107	.1053	CP130	-1.0613	CP407	-.2229		
CP108	.0902	CP131	-1.0601	CP408	-.2327		
CP109	.1064	CP132	-.4557	CP409	-.2446		
CP110	.0986	CP133	-.3586	CP410	-.2752		
CP111	.3149	CP134	-.2618	CP411	-.2815		
CP112	.3976	CP135	.3803	CP412	-.2643		
CP113	.3623	CP136	.4084	CP413	-.2354		
CP114	.1689	CP137	.3783	CP414	-.2310		
CP115	-.0685	CP138	.1668	CP415	-.2270		
CP116	-.3570	CP139	-.0721	CP416	-.2093		
CP117	-1.3303	CP140	-.3941	CP417	-.2582		
CP118	-1.0214	CP141	-1.4532	CP418	-.2462		
CP119	-.9609	CP142	-1.0821	CP419	-.4884		
CP120	-.4439	CP143	-1.0717	CP420	-.0847		
CP121	-.3911	CP144	-.4424	CP421	-.1118		
CP122	-.2523	CP145	-.3883	CP422	-.1633		
CP123	.3692	CP146	-.2831	CP423	-.1126		

TEST

16

RUN

3

TP 2805.

MACH .600

Q

20088.4

P1

79808.1

ALPHA 12.28

CP101	.1366	CP124	.4686	CP401	-.2529	CP424	-.0955
CP102	.1446	CP125	.4294	CP402	-.2629		
CP103	.1463	CP126	.2580	CP403	-.2810		
CP104	.1487	CP127	-.0065	CP404	-.2952		
CP105	.1696	CP128	-.3047	CP405	-.2792		
CP106	.1555	CP129	-1.2931	CP406	-.2372		
CP107	.1697	CP130	-1.1238	CP407	-.2437		
CP108	.1561	CP131	-1.0997	CP408	-.2488		
CP109	.1735	CP132	-.4857	CP409	-.2588		
CP110	.1620	CP133	-.3955	CP410	-.2773		
CP111	.3720	CP134	-.2896	CP411	-.2695		
CP112	.4605	CP135	.4349	CP412	-.2396		
CP113	.4221	CP136	.4665	CP413	-.2425		
CP114	.2610	CP137	.4330	CP414	-.2413		
CP115	.0026	CP138	.2266	CP415	-.2413		
CP116	-.2820	CP139	-.0125	CP416	-.2135		
CP117	-1.2759	CP140	-.3343	CP417	-.2586		
CP118	-1.0812	CP141	-1.4047	CP418	-.2428		
CP119	-1.0241	CP142	-1.1470	CP419	-.4159		
CP120	-.4789	CP143	-1.1121	CP420	-.0677		
CP121	-.4338	CP144	-.4701	CP421	-.0779		
CP122	-.2909	CP145	-.4138	CP422	-.2127		
CP123	.4219	CP146	-.3035	CP423	-.1119		

TEST

16

RUN 3

TP 2806.

MACH .599

Q

20086.8

P1

79849.1

ALPHA 16.45

CP101	.2141	CP124	.5274	CP401	-.2678	CP424	-.0530
CP102	.2226	CP125	.4841	CP402	-.2807		
CP103	.2270	CP126	.3226	CP403	-.3071		
CP104	.2271	CP127	.0622	CP404	-.3097		
CP105	.2499	CP128	-.2341	CP405	-.2859		
CP106	.2334	CP129	-1.2478	CP406	-.2276		
CP107	.2433	CP130	-1.1879	CP407	-.2731		
CP108	.2209	CP131	-1.1066	CP408	-.2806		
CP109	.2397	CP132	-.5200	CP409	-.2998		
CP110	.2142	CP133	-.4307	CP410	-.3127		
CP111	.4197	CP134	-.3241	CP411	-.2944		
CP112	.5111	CP135	.4975	CP412	-.2383		
CP113	.4637	CP136	.5227	CP413	-.2783		
CP114	.3221	CP137	.4876	CP414	-.2781		
CP115	.0624	CP138	.2931	CP415	-.2829		
CP116	-.2262	CP139	.0537	CP416	-.2316		
CP117	-1.2323	CP140	-.2663	CP417	-.2958		
CP118	-1.1724	CP141	-1.3557	CP418	-.2505		
CP119	-1.0823	CP142	-1.2243	CP419	-.3816		
CP120	-.5223	CP143	-1.1462	CP420	-.0623		
CP121	-.4771	CP144	-.5035	CP421	-.0577		
CP122	-.3208	CP145	-.4392	CP422	-.2139		
CP123	.4821	CP146	-.3229	CP423	-.0955		

TEST

16

RUN 3

TP 2807.

MACH .600

Q

20093.4

P1

79835.4

ALPHA 17.61

CP101	.2348	CP124	.5420	CP401	-.2683	CP424	-.0425
CP102	.2451	CP125	.5004	CP402	-.2842		
CP103	.2514	CP126	.3404	CP403	-.3148		
CP104	.2519	CP127	.0823	CP404	-.3133		
CP105	.2732	CP128	-.2148	CP405	-.2877		
CP106	.2568	CP129	-1.2348	CP406	-.2197		
CP107	.2673	CP130	-1.2124	CP407	-.2757		
CP108	.2438	CP131	-1.1150	CP408	-.2859		
CP109	.2582	CP132	-.5302	CP409	-.3066		
CP110	.2303	CP133	-.4426	CP410	-.3221		
CP111	.4322	CP134	-.3281	CP411	-.3026		
CP112	.5222	CP135	.5110	CP412	-.2432		
CP113	.4766	CP136	.5421	CP413	-.2943		
CP114	.3336	CP137	.5018	CP414	-.2952		
CP115	.0749	CP138	.3108	CP415	-.2963		
CP116	-.2116	CP139	.0707	CP416	-.2370		
CP117	-1.2214	CP140	-.2464	CP417	-.3052		
CP118	-1.2004	CP141	-1.3389	CP418	-.2610		
CP119	-1.1082	CP142	-1.2136	CP419	-.3850		
CP120	-.5404	CP143	-1.1285	CP420	-.0648		
CP121	-.4891	CP144	-.4991	CP421	-.0569		
CP122	-.3338	CP145	-.4349	CP422	-.2166		
CP123	.4981	CP146	-.3259	CP423	-.0897		

TEST

16

RUN 4

TP 2810.

MACH .200

Q

2762.8

P1

99075.0

ALPHA -1.86

CP101	-.0359	CP124	.1890	CP401	-.2468	CP424	-.1653
CP102	-.0312	CP125	.1367	CP402	-.2506		
CP103	-.0282	CP126	-.0304	CP403	-.2735		
CP104	-.0263	CP127	-.3168	CP404	-.3351		
CP105	-.0096	CP128	-.6912	CP405	-.3161		
CP106	-.0223	CP129	-1.5433	CP406	-.2504		
CP107	-.0163	CP130	-1.2960	CP407	-.2440		
CP108	-.0276	CP131	-.8455	CP408	-.2484		
CP109	-.0142	CP132	-.5073	CP409	-.2684		
CP110	-.0237	CP133	-.3896	CP410	-.3227		
CP111	.1503	CP134	-.2705	CP411	-.3270		
CP112	.1856	CP135	.1793	CP412	-.2802		
CP113	.1328	CP136	.1865	CP413	-.2408		
CP114	-.0407	CP137	.1292	CP414	-.2458		
CP115	-.3024	CP138	-.0660	CP415	-.2541		
CP116	-.6593	CP139	-.3373	CP416	-.2448		
CP117	-1.5084	CP140	-.7182	CP417	-.3147		
CP118	-1.2723	CP141	-1.5779	CP418	-.2928		
CP119	-.8246	CP142	-1.2854	CP419	-.4348		
CP120	-.4889	CP143	-.8542	CP420	-.1462		
CP121	-.3996	CP144	-.4917	CP421	-.1389		
CP122	-.2561	CP145	-.3897	CP422	-.1675		
CP123	.1754	CP146	-.2756	CP423	-.1649		

TEST

16

RUN 4

TP 2811.

MACH .201

Q

2792.7

P1

99044.0

ALPHA .02

CP101	-.0173	CP124	.2099	CP401	-.2513	CP424	-.1585
CP102	-.0143	CP125	.1531	CP402	-.2639		
CP103	-.0117	CP126	-.0147	CP403	-.2845		
CP104	-.0098	CP127	-.3014	CP404	-.3340		
CP105	.0044	CP128	-.6879	CP405	-.3245		
CP106	-.0073	CP129	-1.5825	CP406	-.2517		
CP107	.0013	CP130	-1.3458	CP407	-.2522		
CP108	-.0093	CP131	-.8632	CP408	-.2630		
CP109	.0052	CP132	-.5132	CP409	-.2751		
CP110	-.0000	CP133	-.3957	CP410	-.3319		
CP111	.1676	CP134	-.2739	CP411	-.3326		
CP112	.2075	CP135	.2028	CP412	-.2748		
CP113	.1522	CP136	.2121	CP413	-.2475		
CP114	-.0216	CP137	.1494	CP414	-.2475		
CP115	-.2933	CP138	-.0488	CP415	-.2631		
CP116	-.6641	CP139	-.3225	CP416	-.2469		
CP117	-1.5458	CP140	-.7152	CP417	-.3173		
CP118	-1.3100	CP141	-1.6139	CP418	-.2923		
CP119	-.8410	CP142	-1.3135	CP419	-.4319		
CP120	-.5034	CP143	-.8667	CP420	-.1392		
CP121	-.4141	CP144	-.5084	CP421	-.1370		
CP122	-.2687	CP145	-.4040	CP422	-.1604		
CP123	.1961	CP146	-.2807	CP423	-.1576		

TEST

16

RUN 4

TP 2812.

MACH .201

Q

2769.9

P1

99046.4

ALPHA 3.94

CP101	.0247	CP124	.2646	CP401	-.2660	CP424	-.1495
CP102	.0325	CP125	.2036	CP402	-.2648		
CP103	.0338	CP126	.0245	CP403	-.2952		
CP104	.0339	CP127	-.2783	CP404	-.3358		
CP105	.0486	CP128	-.6819	CP405	-.3189		
CP106	.0356	CP129	-1.6279	CP406	-.2434		
CP107	.0417	CP130	-1.4070	CP407	-.2598		
CP108	.0308	CP131	-.8917	CP408	-.2696		
CP109	.0458	CP132	-.5447	CP409	-.2898		
CP110	.0375	CP133	-.4142	CP410	-.3369		
CP111	.2105	CP134	-.2900	CP411	-.3316		
CP112	.2589	CP135	.2546	CP412	-.2746		
CP113	.1993	CP136	.2632	CP413	-.2600		
CP114	.0191	CP137	.2029	CP414	-.2571		
CP115	-.2664	CP138	-.0087	CP415	-.2734		
CP116	-.6472	CP139	-.3032	CP416	-.2488		
CP117	-1.5859	CP140	-.7164	CP417	-.3194		
CP118	-1.3601	CP141	-1.6706	CP418	-.2916		
CP119	-.8643	CP142	-1.4067	CP419	-.4134		
CP120	-.5251	CP143	-.9172	CP420	-.1207		
CP121	-.4394	CP144	-.5395	CP421	-.1405		
CP122	-.2887	CP145	-.4368	CP422	-.1547		
CP123	.2449	CP146	-.3009	CP423	-.1437		

TEST

16

RUN 4

TP 2613.

MACH .200

Q

2770.1

P1

99067.5

ALPHA 7.95

CP101	.0687	CP124	.3170	CP401	-.2763	CP424	-.1178
CP102	.0761	CP125	.2535	CP402	-.2858		
CP103	.0777	CP126	.0738	CP403	-.3134		
CP104	.0789	CP127	-.2380	CP404	-.3356		
CP105	.0958	CP128	-.6511	CP405	-.3129		
CP106	.0859	CP129	-1.6334	CP406	-.2403		
CP107	.0907	CP130	-1.4577	CP407	-.2765		
CP108	.0785	CP131	-.9196	CP408	-.2776		
CP109	.0944	CP132	-.5692	CP409	-.3053		
CP110	.0823	CP133	-.4404	CP410	-.3399		
CP111	.2580	CP134	-.3130	CP411	-.3250		
CP112	.3131	CP135	.3034	CP412	-.2646		
CP113	.2509	CP136	.3117	CP413	-.2697		
CP114	.0668	CP137	.2485	CP414	-.2750		
CP115	-.2275	CP138	.0469	CP415	-.2876		
CP116	-.6254	CP139	-.2585	CP416	-.2466		
CP117	-1.6126	CP140	-.6789	CP417	-.3174		
CP118	-1.4215	CP141	-1.6871	CP418	-.2874		
CP119	-.8737	CP142	-1.4636	CP419	-.3813		
CP120	-.5407	CP143	-.9342	CP420	-.0872		
CP121	-.4534	CP144	-.5521	CP421	-.1384		
CP122	-.2970	CP145	-.4526	CP422	-.1550		
CP123	.2969	CP146	-.3176	CP423	-.1042		

TEST

16

RUN 4

TP 2814.

MACH .200

Q

2769.3

P1

99071.9

ALPHA 12.00

CP101	.1371	CP124	.3699	CP401	-.2707	CP424	-.0968
CP102	.1437	CP125	.2992	CP402	-.2887		
CP103	.1463	CP126	.1247	CP403	-.3227		
CP104	.1442	CP127	-.1897	CP404	-.3327		
CP105	.1588	CP128	-.6159	CP405	-.3156		
CP106	.1437	CP129	-1.6639	CP406	-.2406		
CP107	.1514	CP130	-1.5249	CP407	-.2913		
CP108	.1336	CP131	-.9391	CP408	-.3061		
CP109	.1440	CP132	-.5902	CP409	-.3302		
CP110	.1282	CP133	-.4715	CP410	-.3487		
CP111	.2998	CP134	-.3364	CP411	-.3390		
CP112	.3635	CP135	.3580	CP412	-.2677		
CP113	.2950	CP136	.3688	CP413	-.3033		
CP114	.1244	CP137	.3010	CP414	-.3037		
CP115	-.1849	CP138	.1048	CP415	-.3090		
CP116	-.5983	CP139	-.2065	CP416	-.2563		
CP117	-1.6702	CP140	-.6295	CP417	-.3339		
CP118	-1.5170	CP141	-1.6679	CP418	-.3049		
CP119	-.9196	CP142	-1.4975	CP419	-.3556		
CP120	-.5820	CP143	-.9419	CP420	-.0572		
CP121	-.5079	CP144	-.5548	CP421	-.0983		
CP122	-.3477	CP145	-.4658	CP422	-.1954		
CP123	.3467	CP146	-.3328	CP423	-.0962		

TEST

16

RUN 4

TP 2815.

MACH .199

Q

2738.2

P1

99103.7

ALPHA 15.98

CP101	.1955	CP124	.4246	CP401	-.2958	CP424	-.0599
CP102	.2022	CP125	.3558	CP402	-.3191		
CP103	.2057	CP126	.1864	CP403	-.3548		
CP104	.2053	CP127	-.1307	CP404	-.3752		
CP105	.2274	CP128	-.5641	CP405	-.3318		
CP106	.2123	CP129	-1.6772	CP406	-.2143		
CP107	.2171	CP130	-1.5616	CP407	-.3175		
CP108	.1990	CP131	-.9592	CP408	-.3352		
CP109	.2128	CP132	-.6123	CP409	-.3464		
CP110	.1874	CP133	-.4961	CP410	-.3727		
CP111	.3508	CP134	-.3763	CP411	-.3458		
CP112	.4241	CP135	.4169	CP412	-.2448		
CP113	.3485	CP136	.4256	CP413	-.3203		
CP114	.1866	CP137	.3605	CP414	-.3338		
CP115	-.1322	CP138	.1747	CP415	-.3430		
CP116	-.5661	CP139	-.1457	CP416	-.2635		
CP117	-1.7019	CP140	-.5742	CP417	-.3614		
CP118	-1.5691	CP141	-1.6392	CP418	-.3059		
CP119	-.9473	CP142	-1.4964	CP419	-.4062		
CP120	-.6236	CP143	-.9372	CP420	-.0149		
CP121	-.5406	CP144	-.5558	CP421	-.0610		
CP122	-.3777	CP145	-.4744	CP422	-.1954		
CP123	.4076	CP146	-.3490	CP423	-.0826		

TEST

16

RUN 4

TP 2816.

MACH .200

Q

2760.8

P1

99079.0

ALPHA 19.99

CP101	.2621	CP124	.4878	CP401	-.3086	CP424	-.0163
CP102	.2763	CP125	.4143	CP402	-.3353		
CP103	.2781	CP126	.2546	CP403	-.3804		
CP104	.2784	CP127	-.0597	CP404	-.3920		
CP105	.2976	CP128	-.5118	CP405	-.3388		
CP106	.2834	CP129	-1.6890	CP406	-.1888		
CP107	.2925	CP130	-1.6086	CP407	-.3350		
CP108	.2656	CP131	-.9599	CP408	-.3453		
CP109	.2800	CP132	-.6161	CP409	-.3722		
CP110	.2433	CP133	-.5115	CP410	-.3935		
CP111	.3991	CP134	-.3799	CP411	-.3523		
CP112	.4803	CP135	.4759	CP412	-.2101		
CP113	.3990	CP136	.4866	CP413	-.3396		
CP114	.2568	CP137	.4180	CP414	-.3515		
CP115	-.0792	CP138	.2450	CP415	-.3671		
CP116	-.5215	CP139	-.0689	CP416	-.2688		
CP117	-1.6827	CP140	-.4995	CP417	-.3759		
CP118	-1.6117	CP141	-1.5942	CP418	-.2936		
CP119	-.9690	CP142	-1.5002	CP419	-.3879		
CP120	-.6219	CP143	-.9375	CP420	.0029		
CP121	-.5539	CP144	-.5650	CP421	-.0475		
CP122	-.4027	CP145	-.4771	CP422	-.1830		
CP123	.4654	CP146	-.3476	CP423	-.0587		

TEST

16

RUN 5

TP 2819.

MACH .699

Q

25131.5

P1

73379.5

ALPHA -2.02

CP101	-.0277	CP124	.3132	CP401	-.1783	CP424	-.1544
CP102	-.0224	CP125	.2941	CP402	-.1834		
CP103	-.0160	CP126	.1316	CP403	-.1865		
CP104	-.0156	CP127	-.0963	CP404	-.2215		
CP105	.0037	CP128	-.3477	CP405	-.2362		
CP106	-.0116	CP129	-1.0468	CP406	-.2111		
CP107	-.0012	CP130	-.8063	CP407	-.1861		
CP108	-.0161	CP131	-.8093	CP408	-.1810		
CP109	.0016	CP132	-.3931	CP409	-.1897		
CP110	-.0035	CP133	-.2940	CP410	-.2035		
CP111	.2345	CP134	-.2222	CP411	-.2317		
CP112	.2965	CP135	.2780	CP412	-.2226		
CP113	.2797	CP136	.3130	CP413	-.1865		
CP114	.1072	CP137	.2950	CP414	-.1903		
CP115	-.1052	CP138	.0876	CP415	-.1833		
CP116	-.3459	CP139	-.1071	CP416	-.1815		
CP117	-1.0379	CP140	-.3742	CP417	-.2367		
CP118	-.7982	CP141	-1.1354	CP418	-.2210		
CP119	-.7915	CP142	-.8057	CP419	-.5041		
CP120	-.3937	CP143	-.8117	CP420	-.1900		
CP121	-.3384	CP144	-.3748	CP421	-.1043		
CP122	-.2156	CP145	-.2973	CP422	-.1495		
CP123	.2687	CP146	-.2098	CP423	-.1536		

TEST

16

RUN 5

TP 2820.

MACH .705

G

25420.6

P1

72985.8

ALPHA -.02

CP101	-.0226	CP124	.3474	CP401	-.2091	CP424	-.1462
CP102	-.0159	CP125	.3260	CP402	-.2103		
CP103	-.0095	CP126	.1660	CP403	-.2171		
CP104	-.0103	CP127	-.0662	CP404	-.2520		
CP105	.0116	CP128	-.3171	CP405	-.2728		
CP106	-.0038	CP129	-1.0066	CP406	-.2423		
CP107	.0081	CP130	-.8148	CP407	-.2042		
CP108	-.0059	CP131	-.8324	CP408	-.2105		
CP109	.0136	CP132	-.3978	CP409	-.2174		
CP110	.0088	CP133	-.3091	CP410	-.2410		
CP111	.2488	CP134	-.2259	CP411	-.2719		
CP112	.3188	CP135	.3082	CP412	-.2557		
CP113	.3036	CP136	.3448	CP413	-.2133		
CP114	.1312	CP137	.3245	CP414	-.2043		
CP115	-.0917	CP138	.1212	CP415	-.2067		
CP116	-.3249	CP139	-.0750	CP416	-.1986		
CP117	-1.0119	CP140	-.3381	CP417	-.2492		
CP118	-.8189	CP141	-1.0971	CP418	-.2370		
CP119	-.8102	CP142	-.8108	CP419	-.5116		
CP120	-.4062	CP143	-.8202	CP420	-.1862		
CP121	-.3465	CP144	-.3842	CP421	-.1014		
CP122	-.2244	CP145	-.3048	CP422	-.1486		
CP123	.2980	CP146	-.2123	CP423	-.1526		

TEST

16

RUN 5

TP 2821.

MACH .701

0

25206.3

P1

73265.1

ALPHA 4.07

CP101	.0167	CP124	.3961	CP401	-.2199	CP424	-.1503
CP102	.0259	CP125	.3742	CP402	-.2225		
CP103	.0315	CP126	.2068	CP403	-.2367		
CP104	.0307	CP127	-.0301	CP404	-.2702		
CP105	.0560	CP128	-.2831	CP405	-.2786		
CP106	.0427	CP129	-.9912	CP406	-.2477		
CP107	.0555	CP130	-.8488	CP407	-.2098		
CP108	.0422	CP131	-.8563	CP408	-.2127		
CP109	.0631	CP132	-.4208	CP409	-.2189		
CP110	.0617	CP133	-.3287	CP410	-.2480		
CP111	.3014	CP134	-.2398	CP411	-.2635		
CP112	.3806	CP135	.3598	CP412	-.2520		
CP113	.3611	CP136	.3986	CP413	-.2121		
CP114	.1861	CP137	.3777	CP414	-.2070		
CP115	-.0459	CP138	.1708	CP415	-.2067		
CP116	-.2818	CP139	-.0347	CP416	-.1982		
CP117	-.9879	CP140	-.3027	CP417	-.2441		
CP118	-.8395	CP141	-1.0820	CP418	-.2393		
CP119	-.8187	CP142	-.8609	CP419	-.4907		
CP120	-.4151	CP143	-.8764	CP420	-.1472		
CP121	-.3587	CP144	-.4181	CP421	-.1084		
CP122	-.2361	CP145	-.3365	CP422	-.1493		
CP123	.3490	CP146	-.2448	CP423	-.1470		

TEST

16

RUN 5

TP 2822.

MACH .698

Q

25039.9

P1

73493.0

ALPHA 8.24

CP101	.0915	CP124	.4502	CP401	-.2013	CP424	-.1276
CP102	.1025	CP125	.4260	CP402	-.2047		
CP103	.1071	CP126	.2537	CP403	-.2172		
CP104	.1106	CP127	.0114	CP404	-.2418		
CP105	.1252	CP128	-.2390	CP405	-.2519		
CP106	.1106	CP129	-.9686	CP406	-.2321		
CP107	.1226	CP130	-.8918	CP407	-.2080		
CP108	.1022	CP131	-.9062	CP408	-.2130		
CP109	.1194	CP132	-.4405	CP409	-.2266		
CP110	.1140	CP133	-.3454	CP410	-.2494		
CP111	.3449	CP134	-.2560	CP411	-.2650		
CP112	.4349	CP135	.4090	CP412	-.2575		
CP113	.4113	CP136	.4526	CP413	-.2226		
CP114	.2379	CP137	.4267	CP414	-.2224		
CP115	.0033	CP138	.2238	CP415	-.2187		
CP116	-.2370	CP139	.0112	CP416	-.2025		
CP117	-.9642	CP140	-.2607	CP417	-.2492		
CP118	-.8724	CP141	-1.0583	CP418	-.2412		
CP119	-.8550	CP142	-.9132	CP419	-.4635		
CP120	-.4426	CP143	-.9300	CP420	-.1282		
CP121	-.3846	CP144	-.4386	CP421	-.1045		
CP122	-.2586	CP145	-.3588	CP422	-.1809		
CP123	.3985	CP146	-.2667	CP423	-.1257		

TEST

16

RUN 6

TP 2839.

MACH .400

Q

10207.2

P1

91195.1

ALPHA -2.02

CP101	-.0371	CP124	.2093	CP401	-.2901	CP424	-.0610
CP102	-.0338	CP125	.1579	CP402	-.3016		
CP103	-.0317	CP126	-.0148	CP403	-.3408		
CP104	-.0307	CP127	-.3305	CP404	-.3440		
CP105	-.0116	CP128	-.7573	CP405	-.3178		
CP106	-.0247	CP129	-1.9780	CP406	-.2461		
CP107	-.0167	CP130	-1.4484	CP407	-.2931		
CP108	-.0282	CP131	-.9538	CP408	-.2965		
CP109	-.0142	CP132	-.5716	CP409	-.3239		
CP110	-.0194	CP133	-.4461	CP410	-.3455		
CP111	.1624	CP134	-.3228	CP411	-.3327		
CP112	.2036	CP135	.1986	CP412	-.2737		
CP113	.1551	CP136	.2095	CP413	-.2873		
CP114	-.0249	CP137	.1559	CP414	-.2920		
CP115	-.3255	CP138	-.0683	CP415	-.3090		
CP116	-.7449	CP139	-.3554	CP416	-.2495		
CP117	-1.9970	CP140	-.7995	CP417	-.3295		
CP118	-1.4283	CP141	-2.0217	CP418	-.2959		
CP119	-.9256	CP142	-1.3709	CP419	-.4456		
CP120	-.5620	CP143	-.9474	CP420	-.1399		
CP121	-.4772	CP144	-.5596	CP421	-.1226		
CP122	-.3126	CP145	-.4576	CP422	-.1347		
CP123	.1902	CP146	-.3234	CP423	-.0978		

TEST

16

RUN 6

TP 2840.

MACH .400

Q

10235.6

P1

91166.7

ALPHA -.10

CP101	-.0253	CP124	.2342	CP401	-.2997	CP424	-.0578
CP102	-.0197	CP125	.1804	CP402	-.3089		
CP103	-.0178	CP126	.0072	CP403	-.3467		
CP104	-.0180	CP127	-.3114	CP404	-.3514		
CP105	.0022	CP128	-.7434	CP405	-.3219		
CP106	-.0066	CP129	-1.9913	CP406	-.2462		
CP107	.0010	CP130	-1.4655	CP407	-.2943		
CP108	-.0071	CP131	-.9550	CP408	-.2971		
CP109	.0062	CP132	-.5724	CP409	-.3313		
CP110	.0013	CP133	-.4519	CP410	-.3485		
CP111	.1819	CP134	-.3266	CP411	-.3332		
CP112	.2269	CP135	.2200	CP412	-.2763		
CP113	.1756	CP136	.2318	CP413	-.2904		
CP114	-.0075	CP137	.1784	CP414	-.2947		
CP115	-.3088	CP138	-.0441	CP415	-.3055		
CP116	-.7308	CP139	-.3346	CP416	-.2474		
CP117	-2.0148	CP140	-.7765	CP417	-.3277		
CP118	-1.4380	CP141	-2.0213	CP418	-.2908		
CP119	-.9329	CP142	-1.3783	CP419	-.4339		
CP120	-.5663	CP143	-.9487	CP420	-.1287		
CP121	-.4816	CP144	-.5640	CP421	-.1163		
CP122	-.3155	CP145	-.4577	CP422	-.1268		
CP123	.2139	CP146	-.3268	CP423	-.0901		

TEST

16

RUN 6

TP 2841.

MACH .401

Q

10259.5

P1

91133.5

ALPHA 3.84

CP101	.0188	CP124	.2834	CP401	-.2940	CP424	-.0516
CP102	.0248	CP125	.2285	CP402	-.3019		
CP103	.0283	CP126	.0518	CP403	-.3348		
CP104	.0282	CP127	-.2723	CP404	-.3376		
CP105	.0502	CP128	-.7136	CP405	-.3098		
CP106	.0362	CP129	-2.0145	CP406	-.2329		
CP107	.0445	CP130	-1.4986	CP407	-.2919		
CP108	.0322	CP131	-.9688	CP408	-.3010		
CP109	.0466	CP132	-.5849	CP409	-.3241		
CP110	.0432	CP133	-.4637	CP410	-.3415		
CP111	.2260	CP134	-.3297	CP411	-.3278		
CP112	.2801	CP135	.2671	CP412	-.2674		
CP113	.2261	CP136	.2830	CP413	-.2898		
CP114	.0422	CP137	.2277	CP414	-.2918		
CP115	-.2694	CP138	.0046	CP415	-.3067		
CP116	-.6967	CP139	-.2966	CP416	-.2414		
CP117	-2.0331	CP140	-.7514	CP417	-.3225		
CP118	-1.4805	CP141	-2.0558	CP418	-.2912		
CP119	-.9373	CP142	-1.4024	CP419	-.4143		
CP120	-.5742	CP143	-.9556	CP420	-.1090		
CP121	-.4910	CP144	-.5677	CP421	-.1191		
CP122	-.3244	CP145	-.4686	CP422	-.1155		
CP123	.2597	CP146	-.3328	CP423	-.0743		

TEST

16

RUN 6

TP 2842.

MACH .400

Q

10199.9

P1

91219.5

ALPHA 7.87

CP101	.0729	CP124	.3383	CP401	-.2867	CP424	-.0111
CP102	.0818	CP125	.2798	CP402	-.2973		
CP103	.0849	CP126	.1028	CP403	-.3236		
CP104	.0835	CP127	-.2256	CP404	-.3249		
CP105	.1021	CP128	-.6730	CP405	-.3001		
CP106	.0861	CP129	-2.0352	CP406	-.2256		
CP107	.0943	CP130	-1.5278	CP407	-.2960		
CP108	.0817	CP131	-.9586	CP408	-.3029		
CP109	.0947	CP132	-.5903	CP409	-.3251		
CP110	.0859	CP133	-.4741	CP410	-.3348		
CP111	.2741	CP134	-.3439	CP411	-.3178		
CP112	.3361	CP135	.3229	CP412	-.2623		
CP113	.2774	CP136	.3401	CP413	-.3020		
CP114	.0943	CP137	.2834	CP414	-.3025		
CP115	-.2267	CP138	.0612	CP415	-.3101		
CP116	-.6655	CP139	-.2458	CP416	-.2334		
CP117	-2.0738	CP140	-.7016	CP417	-.3241		
CP118	-1.5294	CP141	-2.0527	CP418	-.2905		
CP119	-.9535	CP142	-1.4056	CP419	-.3774		
CP120	-.5933	CP143	-.9362	CP420	-.0741		
CP121	-.5210	CP144	-.5697	CP421	-.1113		
CP122	-.3416	CP145	-.4749	CP422	-.1107		
CP123	.3145	CP146	-.3352	CP423	-.0334		

TEST

16

RUN 6

TP 2643.

MACH .399

Q

10151.2

PI

91289.4

ALPHA 11.94

CP101	.1325	CP124	.3982	CP401	-.2915	CP424	.0275
CP102	.1430	CP125	.3357	CP402	-.3170		
CP103	.1483	CP126	.1582	CP403	-.3558		
CP104	.1470	CP127	-.1701	CP404	-.3605		
CP105	.1674	CP128	-.6293	CP405	-.3136		
CP106	.1545	CP129	-2.0706	CP406	-.1972		
CP107	.1597	CP130	-1.5871	CP407	-.3156		
CP108	.1434	CP131	-.9830	CP408	-.3255		
CP109	.1574	CP132	-.6208	CP409	-.3568		
CP110	.1423	CP133	-.5070	CP410	-.3704		
CP111	.3222	CP134	-.3715	CP411	-.3334		
CP112	.3937	CP135	.3803	CP412	-.2428		
CP113	.3288	CP136	.3966	CP413	-.3379		
CP114	.1544	CP137	.3399	CP414	-.3444		
CP115	-.1737	CP138	.1216	CP415	-.3514		
CP116	-.6264	CP139	-.1888	CP416	-.2499		
CP117	-2.1565	CP140	-.6560	CP417	-.3579		
CP118	-1.6219	CP141	-2.0515	CP418	-.3090		
CP119	-.9849	CP142	-1.4291	CP419	-.3370		
CP120	-.6378	CP143	-.9223	CP420	-.0406		
CP121	-.5657	CP144	-.5812	CP421	-.0657		
CP122	-.3831	CP145	-.4852	CP422	-.1488		
CP123	.3711	CP146	-.3457	CP423	-.0149		

TEST

16

RUN 6

TP 2844.

MACH .400

Q

10218.4

P1

91221.9

ALPHA 16.01

CP101	.2007	CP124	.4592	CP401	-.3193	CP424	.0673
CP102	.2044	CP125	.3927	CP402	-.3528		
CP103	.2116	CP126	.2246	CP403	-.4058		
CP104	.2076	CP127	-.1065	CP404	-.4099		
CP105	.2285	CP128	-.5761	CP405	-.3335		
CP106	.2119	CP129	-2.0962	CP406	-.1829		
CP107	.2231	CP130	-1.6213	CP407	-.3608		
CP108	.2028	CP131	-.9683	CP408	-.3659		
CP109	.2200	CP132	-.6346	CP409	-.3895		
CP110	.1974	CP133	-.5341	CP410	-.4034		
CP111	.3740	CP134	-.4031	CP411	-.3476		
CP112	.4502	CP135	.4409	CP412	-.2159		
CP113	.3827	CP136	.4554	CP413	-.3591		
CP114	.2254	CP137	.3972	CP414	-.3628		
CP115	-.1102	CP138	.1950	CP415	-.3678		
CP116	-.5695	CP139	-.1239	CP416	-.2572		
CP117	-2.1705	CP140	-.5927	CP417	-.3739		
CP118	-1.6593	CP141	-2.0649	CP418	-.3170		
CP119	-.9794	CP142	-1.4374	CP419	-.3437		
CP120	-.6514	CP143	-.9172	CP420	-.0025		
CP121	-.5846	CP144	-.5911	CP421	-.0279		
CP122	-.4088	CP145	-.5025	CP422	-.1458		
CP123	.4304	CP146	-.3735	CP423	-.0019		

TEST

16

RUN 6

TP 2645.

MACH .399

Q

10183.9

P1

91259.7

ALPHA 20.06

CP101	.2832	CP124	.5185	CP401	-.3230	CP424	.1082
CP102	.2878	CP125	.4543	CP402	-.3623		
CP103	.2893	CP126	.2932	CP403	-.4180		
CP104	.2905	CP127	-.0367	CP404	-.4139		
CP105	.3046	CP128	-.5178	CP405	-.3198		
CP106	.2697	CP129	-2.1027	CP406	-.1422		
CP107	.2953	CP130	-1.6702	CP407	-.3957		
CP108	.2768	CP131	-.9823	CP408	-.3778		
CP109	.2918	CP132	-.6592	CP409	-.4048		
CP110	.2608	CP133	-.5625	CP410	-.4065		
CP111	.4275	CP134	-.4225	CP411	-.3272		
CP112	.5112	CP135	.5011	CP412	-.1753		
CP113	.4389	CP136	.5152	CP413	-.3669		
CP114	.2956	CP137	.4532	CP414	-.3761		
CP115	-.0431	CP138	.2619	CP415	-.3731		
CP116	-.5181	CP139	-.0512	CP416	-.2534		
CP117	-2.1615	CP140	-.5273	CP417	-.3748		
CP118	-1.6969	CP141	-2.0418	CP418	-.2947		
CP119	-.9779	CP142	-1.4378	CP419	-.3651		
CP120	-.6769	CP143	-.8858	CP420	.0018		
CP121	-.6149	CP144	-.5986	CP421	-.0296		
CP122	-.4376	CP145	-.5211	CP422	-.1322		
CP123	.4915	CP146	-.3873	CP423	.0212		

TEST

16

RUN 7

TP 2650.

MACH .400

0

10206.8

P1

91234.9

ALPHA -1.79

CP101	-.0355	CP124	.2114	CP401	-.2282	CP424	-.2537
CP102	-.0298	CP125	.1601	CP402	-.2275		
CP103	-.0290	CP126	-.0114	CP403	-.2494		
CP104	-.0313	CP127	-.3142	CP404	-.3228		
CP105	-.0137	CP128	-.7212	CP405	-.3389		
CP106	-.0251	CP129	-1.8106	CP406	-.2799		
CP107	-.0192	CP130	-1.3110	CP407	-.2315		
CP108	-.0295	CP131	-.8614	CP408	-.2382		
CP109	-.0156	CP132	-.4964	CP409	-.2510		
CP110	-.0224	CP133	-.3775	CP410	-.3032		
CP111	.1594	CP134	-.2582	CP411	-.3421		
CP112	.2018	CP135	.1975	CP412	-.3086		
CP113	.1540	CP136	.2110	CP413	-.2336		
CP114	-.0244	CP137	.1581	CP414	-.2345		
CP115	-.3103	CP138	-.0627	CP415	-.2390		
CP116	-.7071	CP139	-.3416	CP416	-.2541		
CP117	-1.8472	CP140	-.7517	CP417	-.3087		
CP118	-1.2989	CP141	-1.8394	CP418	-.3023		
CP119	-.8507	CP142	-1.2268	CP419	-.4680		
CP120	-.4900	CP143	-.8460	CP420	-.1569		
CP121	-.4140	CP144	-.4722	CP421	-.1561		
CP122	-.2592	CP145	-.3717	CP422	-.2055		
CP123	.1899	CP146	-.2534	CP423	-.2276		

TEST

16

RUN 7

TP 2852.

MACH .400

Q

10214.9

P1

91224.3

ALPHA .15

CP101	-.0183	CP124	.2339	CP401	-.2352	CP424	-.2518
CP102	-.0115	CP125	.1825	CP402	-.2356		
CP103	-.0098	CP126	.0064	CP403	-.2587		
CP104	-.0113	CP127	-.3015	CP404	-.3282		
CP105	.0077	CP128	-.7106	CP405	-.3377		
CP106	-.0044	CP129	-1.8397	CP406	-.2771		
CP107	.0031	CP130	-1.3390	CP407	-.2334		
CP108	-.0086	CP131	-.8772	CP408	-.2405		
CP109	.0045	CP132	-.5069	CP409	-.2565		
CP110	.0010	CP133	-.3831	CP410	-.3126		
CP111	.1806	CP134	-.2657	CP411	-.3400		
CP112	.2261	CP135	.2183	CP412	-.3081		
CP113	.1794	CP136	.2333	CP413	-.2345		
CP114	-.0050	CP137	.1811	CP414	-.2342		
CP115	-.2982	CP138	-.0401	CP415	-.2486		
CP116	-.6995	CP139	-.3212	CP416	-.2549		
CP117	-1.8729	CP140	-.7426	CP417	-.3131		
CP118	-1.3139	CP141	-1.8677	CP418	-.3015		
CP119	-.8605	CP142	-1.2595	CP419	-.4638		
CP120	-.5011	CP143	-.8660	CP420	-.1501		
CP121	-.4215	CP144	-.4856	CP421	-.1500		
CP122	-.2626	CP145	-.3836	CP422	-.1959		
CP123	.2125	CP146	-.2562	CP423	-.2221		

TEST

16

RUN 7

TP 2853.

MACH .401

Q

10241.4

P1

91190.6

ALPHA 5.13

CP101	.0266	CP124	.2982	CP401	-.2590	CP424	-.2320
CP102	.0349	CP125	.2407	CP402	-.2677		
CP103	.0378	CP126	.0645	CP403	-.2926		
CP104	.0366	CP127	-.2572	CP404	-.3542		
CP105	.0560	CP128	-.6837	CP405	-.3475		
CP106	.0440	CP129	-1.9035	CP406	-.2795		
CP107	.0519	CP130	-1.3939	CP407	-.2538		
CP108	.0401	CP131	-.9045	CP408	-.2620		
CP109	.0552	CP132	-.5287	CP409	-.2763		
CP110	.0522	CP133	-.4128	CP410	-.3363		
CP111	.2363	CP134	-.2620	CP411	-.3455		
CP112	.2924	CP135	.2791	CP412	-.3068		
CP113	.2399	CP136	.2974	CP413	-.2456		
CP114	.0534	CP137	.2415	CP414	-.2468		
CP115	-.2521	CP138	.0209	CP415	-.2626		
CP116	-.6683	CP139	-.2807	CP416	-.2621		
CP117	-1.9232	CP140	-.7216	CP417	-.3181		
CP118	-1.3889	CP141	-1.9759	CP418	-.3059		
CP119	-.8715	CP142	-1.3285	CP419	-.4317		
CP120	-.5179	CP143	-.9037	CP420	-.1238		
CP121	-.4449	CP144	-.5305	CP421	-.1617		
CP122	-.2793	CP145	-.4277	CP422	-.1958		
CP123	.2734	CP146	-.2937	CP423	-.2007		

TEST

16

RUN 7

TP 2854.

MACH .399

Q

10191.4

P1

91233.2

ALPHA 8.18

CP101	.0677	CP124	.3417	CP401	-.2658	CP424	-.2152
CP102	.0770	CP125	.2797	CP402	-.2742		
CP103	.0791	CP126	.1011	CP403	-.2955		
CP104	.0797	CP127	-.2199	CP404	-.3475		
CP105	.0979	CP128	-.6597	CP405	-.3353		
CP106	.0875	CP129	-1.9504	CP406	-.2725		
CP107	.0941	CP130	-1.4462	CP407	-.2648		
CP108	.0813	CP131	-.9162	CP408	-.2670		
CP109	.0973	CP132	-.5494	CP409	-.2818		
CP110	.0868	CP133	-.4298	CP410	-.3388		
CP111	.2689	CP134	-.3022	CP411	-.3418		
CP112	.3352	CP135	.3205	CP412	-.3023		
CP113	.2772	CP136	.3349	CP413	-.2614		
CP114	.0923	CP137	.2814	CP414	-.2607		
CP115	-.2224	CP138	.0600	CP415	-.2716		
CP116	-.6438	CP139	-.2457	CP416	-.2630		
CP117	-1.9714	CP140	-.6994	CP417	-.3232		
CP118	-1.4335	CP141	-2.0041	CP418	-.3016		
CP119	-.8957	CP142	-1.3595	CP419	-.4133		
CP120	-.5435	CP143	-.9037	CP420	-.1049		
CP121	-.4610	CP144	-.5383	CP421	-.1531		
CP122	-.2900	CP145	-.4514	CP422	-.2137		
CP123	.3118	CP146	-.3151	CP423	-.1799		

TEST

16

RUN 7

TP 2855.

MACH .399

0

10159.8

P1

91285.2

ALPHA 12.26

CP101	.1339	CP124	.3981	CP401	-.2816	CP424	-.1996
CP102	.1401	CP125	.3349	CP402	-.2889		
CP103	.1456	CP126	.1590	CP403	-.3190		
CP104	.1462	CP127	-.1663	CP404	-.3372		
CP105	.1663	CP128	-.6138	CP405	-.3256		
CP106	.1514	CP129	-1.9964	CP406	-.2610		
CP107	.1600	CP130	-1.5074	CP407	-.2792		
CP108	.1470	CP131	-.9266	CP408	-.2839		
CP109	.1597	CP132	-.5746	CP409	-.3050		
CP110	.1404	CP133	-.4628	CP410	-.3426		
CP111	.3218	CP134	-.3300	CP411	-.3396		
CP112	.3944	CP135	.3781	CP412	-.2957		
CP113	.3290	CP136	.3936	CP413	-.2891		
CP114	.1530	CP137	.3367	CP414	-.2881		
CP115	-.1683	CP138	.1207	CP415	-.2959		
CP116	-.6047	CP139	-.1892	CP416	-.2688		
CP117	-2.0243	CP140	-.6554	CP417	-.3280		
CP118	-1.5100	CP141	-2.0418	CP418	-.2989		
CP119	-.9100	CP142	-1.4125	CP419	-.3710		
CP120	-.5783	CP143	-.9144	CP420	-.0729		
CP121	-.4964	CP144	-.5675	CP421	-.1129		
CP122	-.3172	CP145	-.4759	CP422	-.2530		
CP123	.3693	CP146	-.3362	CP423	-.1735		

TEST

16

RUN 7

TP 2856.

MACH .398

Q

10136.3

P1

91321.0

ALPHA 16.33

CP101	.2097	CP124	.4602	CP401	-.2775	CP424	-.1597
CP102	.2186	CP125	.3927	CP402	-.2909		
CP103	.2228	CP126	.2222	CP403	-.3300		
CP104	.2209	CP127	-.1057	CP404	-.3464		
CP105	.2385	CP128	-.5639	CP405	-.3328		
CP106	.2210	CP129	-2.0520	CP406	-.2570		
CP107	.2253	CP130	-1.5617	CP407	-.3001		
CP108	.2095	CP131	-.9432	CP408	-.3080		
CP109	.2219	CP132	-.6061	CP409	-.3249		
CP110	.1996	CP133	-.4983	CP410	-.3483		
CP111	.3712	CP134	-.3696	CP411	-.3434		
CP112	.4528	CP135	.4362	CP412	-.2707		
CP113	.3852	CP136	.4506	CP413	-.3060		
CP114	.2278	CP137	.3921	CP414	-.3058		
CP115	-.1042	CP138	.1885	CP415	-.3148		
CP116	-.5577	CP139	-.1322	CP416	-.2717		
CP117	-2.0777	CP140	-.6007	CP417	-.3442		
CP118	-1.5656	CP141	-2.0540	CP418	-.2940		
CP119	-.9219	CP142	-1.4342	CP419	-.3339		
CP120	-.6007	CP143	-.9127	CP420	-.0414		
CP121	-.5320	CP144	-.5821	CP421	-.0844		
CP122	-.3613	CP145	-.4946	CP422	-.2511		
CP123	.4298	CP146	-.3616	CP423	-.1620		

TEST

16

RUN 7

TP 2857.

MACH .399

Q

10197.1

P1

91274.7

ALPHA 20.38

CP101	.2713	CP124	.5191	CP401	-.2993	CP424	-.1199
CP102	.2762	CP125	.4518	CP402	-.3177		
CP103	.2834	CP126	.2931	CP403	-.3453		
CP104	.2909	CP127	-.0327	CP404	-.3528		
CP105	.3072	CP128	-.4888	CP405	-.3275		
CP106	.3000	CP129	-2.0025	CP406	-.2303		
CP107	.3060	CP130	-1.5505	CP407	-.3078		
CP108	.2826	CP131	-.9145	CP408	-.3153		
CP109	.2934	CP132	-.5907	CP409	-.3296		
CP110	.2569	CP133	-.4866	CP410	-.3502		
CP111	.4234	CP134	-.3704	CP411	-.3417		
CP112	.5077	CP135	.5024	CP412	-.2566		
CP113	.4324	CP136	.5139	CP413	-.3227		
CP114	.2889	CP137	.4552	CP414	-.3250		
CP115	-.0474	CP138	.2613	CP415	-.3224		
CP116	-.5075	CP139	-.0462	CP416	-.2672		
CP117	-2.0804	CP140	-.5094	CP417	-.3429		
CP118	-1.5962	CP141	-1.9579	CP418	-.2928		
CP119	-.9202	CP142	-1.3649	CP419	-.3826		
CP120	-.6197	CP143	-.8420	CP420	-.0340		
CP121	-.5505	CP144	-.5548	CP421	-.0792		
CP122	-.3842	CP145	-.4767	CP422	-.2371		
CP123	.4888	CP146	-.3433	CP423	-.1342		

TEST

16

RUN 8

TP 2860.

MACH .599

Q

20079.7

P1

79846.7

ALPHA -1.72

CP101	-.0317	CP124	.2755	CP401	-.2034	CP424	-.2325
CP102	-.0261	CP125	.2456	CP402	-.2022		
CP103	-.0232	CP126	.0828	CP403	-.2162		
CP104	-.0234	CP127	-.1794	CP404	-.2376		
CP105	-.0039	CP128	-.4795	CP405	-.2749		
CP106	-.0147	CP129	-1.4147	CP406	-.2489		
CP107	-.0073	CP130	-.9824	CP407	-.2028		
CP108	-.0213	CP131	-.9543	CP408	-.2063		
CP109	-.0045	CP132	-.4049	CP409	-.2151		
CP110	-.0095	CP133	-.3261	CP410	-.2329		
CP111	.2049	CP134	-.2331	CP411	-.2626		
CP112	.2630	CP135	.2490	CP412	-.2517		
CP113	.2383	CP136	.2776	CP413	-.2033		
CP114	.0613	CP137	.2439	CP414	-.2000		
CP115	-.1752	CP138	.0284	CP415	-.2047		
CP116	-.4664	CP139	-.1962	CP416	-.2099		
CP117	-1.3986	CP140	-.5132	CP417	-.2417		
CP118	-.9606	CP141	-1.5213	CP418	-.2421		
CP119	-.9028	CP142	-.9671	CP419	-.4740		
CP120	-.4115	CP143	-.9399	CP420	-.1461		
CP121	-.3591	CP144	-.3898	CP421	-.1342		
CP122	-.2328	CP145	-.3286	CP422	-.1836		
CP123	.2415	CP146	-.2397	CP423	-.2047		

TEST

16

RUN 8

TP 2861.

MACH .600

Q

20110.3

P1

79817.7

ALPHA .22

CP101	-.0182	CP124	.3035	CP401	-.2083	CP424	-.2305
CP102	-.0099	CP125	.2724	CP402	-.2096		
CP103	-.0067	CP126	.1049	CP403	-.2220		
CP104	-.0072	CP127	-.1562	CP404	-.2540		
CP105	.0129	CP128	-.4576	CP405	-.2847		
CP106	-.0005	CP129	-1.3986	CP406	-.2543		
CP107	.0115	CP130	-.9865	CP407	-.2074		
CP108	-.0032	CP131	-.9727	CP408	-.2138		
CP109	.0147	CP132	-.4096	CP409	-.2152		
CP110	.0107	CP133	-.3281	CP410	-.2372		
CP111	.2266	CP134	-.2384	CP411	-.2746		
CP112	.2867	CP135	.2746	CP412	-.2615		
CP113	.2617	CP136	.3024	CP413	-.2067		
CP114	.0825	CP137	.2699	CP414	-.2062		
CP115	-.1603	CP138	.0585	CP415	-.2112		
CP116	-.4478	CP139	-.1706	CP416	-.2116		
CP117	-1.3856	CP140	-.4927	CP417	-.2496		
CP118	-.9663	CP141	-1.5088	CP418	-.2443		
CP119	-.9211	CP142	-.9769	CP419	-.4754		
CP120	-.4225	CP143	-.9564	CP420	-.1363		
CP121	-.3632	CP144	-.3942	CP421	-.1274		
CP122	-.2354	CP145	-.3379	CP422	-.1791		
CP123	.2663	CP146	-.2377	CP423	-.1983		

TEST

16

RUN 8

TP 2862.

MACH .600

Q

20123.9

P1

79802.0

ALPHA 4.28

CP101	.0216	CP124	.3603	CP401	-.2200	CP424	-.2308
CP102	.0296	CP125	.3225	CP402	-.2211		
CP103	.0342	CP126	.1528	CP403	-.2342		
CP104	.0344	CP127	-.1134	CP404	-.2732		
CP105	.0555	CP128	-.4149	CP405	-.3056		
CP106	.0427	CP129	-1.3741	CP406	-.2698		
CP107	.0523	CP130	-1.0102	CP407	-.2175		
CP108	.0404	CP131	-1.0025	CP408	-.2166		
CP109	.0593	CP132	-.4369	CP409	-.2294		
CP110	.0559	CP133	-.3496	CP410	-.2573		
CP111	.2707	CP134	-.2470	CP411	-.2973		
CP112	.3457	CP135	.3243	CP412	-.2778		
CP113	.3116	CP136	.3550	CP413	-.2099		
CP114	.1332	CP137	.3241	CP414	-.2131		
CP115	-.1160	CP138	.1088	CP415	-.2138		
CP116	-.4044	CP139	-.1246	CP416	-.2237		
CP117	-1.3585	CP140	-.4437	CP417	-.2677		
CP118	-.9991	CP141	-1.4790	CP418	-.2592		
CP119	-.9453	CP142	-1.0015	CP419	-.4739		
CP120	-.4365	CP143	-.9965	CP420	-.1212		
CP121	-.3860	CP144	-.4142	CP421	-.1407		
CP122	-.2495	CP145	-.3559	CP422	-.1834		
CP123	.3169	CP146	-.2530	CP423	-.2001		

TEST

16

RUN

8

TP 2863.

MACH .600

Q

20097.4

P1

79829.5

ALPHA 8.49

CP101	.0772	CP124	.4125	CP401	-.2255	CP424	-.2207
CP102	.0876	CP125	.3757	CP402	-.2305		
CP103	.0911	CP126	.2066	CP403	-.2469		
CP104	.0936	CP127	-.0638	CP404	-.2845		
CP105	.1134	CP128	-.3631	CP405	-.2980		
CP106	.0983	CP129	-1.3431	CP406	-.2640		
CP107	.1093	CP130	-1.0618	CP407	-.2302		
CP108	.0958	CP131	-1.0526	CP408	-.2324		
CP109	.1099	CP132	-.4586	CP409	-.2457		
CP110	.1037	CP133	-.3702	CP410	-.2725		
CP111	.3230	CP134	-.2691	CP411	-.2944		
CP112	.4056	CP135	.3824	CP412	-.2730		
CP113	.3665	CP136	.4117	CP413	-.2340		
CP114	.1928	CP137	.3790	CP414	-.2314		
CP115	-.0672	CP138	.1706	CP415	-.2326		
CP116	-.3557	CP139	-.0720	CP416	-.2312		
CP117	-1.3271	CP140	-.3929	CP417	-.2808		
CP118	-1.0418	CP141	-1.4450	CP418	-.2680		
CP119	-.9846	CP142	-1.0610	CP419	-.4636		
CP120	-.4629	CP143	-1.0513	CP420	-.0972		
CP121	-.4118	CP144	-.4367	CP421	-.1292		
CP122	-.2654	CP145	-.3815	CP422	-.2122		
CP123	.3687	CP146	-.2755	CP423	-.1820		

TEST

16

RUN

8

TP 2864.

MACH .599

Q

20072.7

P1

79866.8

ALPHA 12.65

CP101	.1269	CP124	.4727	CP401	-.2549	CP424	-.1963
CP102	.1429	CP125	.4326	CP402	-.2583		
CP103	.1542	CP126	.2650	CP403	-.2662		
CP104	.1580	CP127	-.0012	CP404	-.2911		
CP105	.1813	CP128	-.3010	CP405	-.2853		
CP106	.1699	CP129	-1.2988	CP406	-.2491		
CP107	.1804	CP130	-1.1162	CP407	-.2353		
CP108	.1621	CP131	-1.0811	CP408	-.2432		
CP109	.1792	CP132	-.4812	CP409	-.2552		
CP110	.1624	CP133	-.3951	CP410	-.2620		
CP111	.3708	CP134	-.2846	CP411	-.2881		
CP112	.4605	CP135	.4405	CP412	-.2703		
CP113	.4200	CP136	.4697	CP413	-.2470		
CP114	.2559	CP137	.4339	CP414	-.2458		
CP115	.0022	CP138	.2302	CP415	-.2437		
CP116	-.2888	CP139	-.0113	CP416	-.2324		
CP117	-1.2825	CP140	-.3277	CP417	-.2801		
CP118	-1.0686	CP141	-1.4025	CP418	-.2630		
CP119	-1.0143	CP142	-1.1290	CP419	-.4188		
CP120	-.4775	CP143	-1.0912	CP420	-.0780		
CP121	-.4282	CP144	-.4634	CP421	-.0893		
CP122	-.2822	CP145	-.4022	CP422	-.2458		
CP123	.4277	CP146	-.2888	CP423	-.1750		

TEST

16

RUN 8

TP 2865.

MACH .600

Q

20109.9

P1

79833.8

ALPHA 16.79

CP101	.2066	CP124	.5291	CP401	-.2793	CP424	-.1674
CP102	.2163	CP125	.4890	CP402	-.2823		
CP103	.2302	CP126	.3301	CP403	-.2982		
CP104	.2319	CP127	.0633	CP404	-.3083		
CP105	.2518	CP128	-.2308	CP405	-.2924		
CP106	.2399	CP129	-1.2492	CP406	-.2451		
CP107	.2511	CP130	-1.1682	CP407	-.2595		
CP108	.2313	CP131	-1.0879	CP408	-.2669		
CP109	.2424	CP132	-.5036	CP409	-.2800		
CP110	.2247	CP133	-.4110	CP410	-.2987		
CP111	.4194	CP134	-.3035	CP411	-.3004		
CP112	.5126	CP135	.5015	CP412	-.2604		
CP113	.4638	CP136	.5307	CP413	-.2711		
CP114	.3224	CP137	.4883	CP414	-.2662		
CP115	.0632	CP138	.2960	CP415	-.2664		
CP116	-.2266	CP139	.0509	CP416	-.2426		
CP117	-1.2300	CP140	-.2616	CP417	-.2957		
CP118	-1.1514	CP141	-1.3534	CP418	-.2638		
CP119	-1.0618	CP142	-1.2053	CP419	-.3885		
CP120	-.5019	CP143	-1.1260	CP420	-.0664		
CP121	-.4506	CP144	-.4936	CP421	-.0761		
CP122	-.3054	CP145	-.4329	CP422	-.2568		
CP123	.4859	CP146	-.3170	CP423	-.1665		

TEST

16

RUN 8

TP 2866.

MACH .600

Q

20130.7

P1

79868.3

ALPHA 20.85

CP101	.2962	CP124	.5829	CP401	-.2635	CP424	-.1302
CP102	.3024	CP125	.5420	CP402	-.2802		
CP103	.3134	CP126	.3888	CP403	-.3038		
CP104	.3134	CP127	.1307	CP404	-.3087		
CP105	.3320	CP128	-.1657	CP405	-.2854		
CP106	.3175	CP129	-1.1999	CP406	-.2284		
CP107	.3282	CP130	-1.2395	CP407	-.2732		
CP108	.3031	CP131	-1.0948	CP408	-.2818		
CP109	.3154	CP132	-.5283	CP409	-.2959		
CP110	.2853	CP133	-.4331	CP410	-.3079		
CP111	.4732	CP134	-.3227	CP411	-.2992		
CP112	.5646	CP135	.5623	CP412	-.2394		
CP113	.5104	CP136	.5845	CP413	-.2850		
CP114	.3842	CP137	.5420	CP414	-.2878		
CP115	.1183	CP138	.3586	CP415	-.2860		
CP116	-.1677	CP139	.1199	CP416	-.2464		
CP117	-1.1893	CP140	-.1871	CP417	-.3011		
CP118	-1.2249	CP141	-1.3022	CP418	-.2564		
CP119	-1.0963	CP142	-1.2418	CP419	-.4096		
CP120	-.5358	CP143	-1.1097	CP420	-.0784		
CP121	-.4865	CP144	-.4973	CP421	-.0876		
CP122	-.3321	CP145	-.4381	CP422	-.2564		
CP123	.5419	CP146	-.3255	CP423	-.1368		

TEST

16

RUN 9

TP 2671.

MACH .400

Q

10229.0

P1

91233.2

ALPHA -1.62

CP101	-.0411	CP124	.2070	CP401	-.2518	CP424	-.3522
CP102	-.0361	CP125	.1572	CP402	-.2583		
CP103	-.0339	CP126	-.0149	CP403	-.2793		
CP104	-.0343	CP127	-.3236	CP404	-.3380		
CP105	-.0179	CP128	-.7324	CP405	-.3816		
CP106	-.0259	CP129	-1.8616	CP406	-.3246		
CP107	-.0165	CP130	-1.3387	CP407	-.2488		
CP108	-.0275	CP131	-.8910	CP408	-.2534		
CP109	-.0121	CP132	-.5149	CP409	-.2633		
CP110	-.0184	CP133	-.3938	CP410	-.3082		
CP111	.1605	CP134	-.2768	CP411	-.3707		
CP112	.2027	CP135	.1928	CP412	-.3424		
CP113	.1554	CP136	.2063	CP413	-.2462		
CP114	-.0274	CP137	.1542	CP414	-.2484		
CP115	-.3204	CP138	-.0672	CP415	-.2618		
CP116	-.7206	CP139	-.3470	CP416	-.2831		
CP117	-1.8852	CP140	-.7659	CP417	-.3381		
CP118	-1.3279	CP141	-1.8796	CP418	-.3293		
CP119	-.8847	CP142	-1.2628	CP419	-.4976		
CP120	-.5079	CP143	-.8741	CP420	-.1792		
CP121	-.4354	CP144	-.4939	CP421	-.1826		
CP122	-.2755	CP145	-.4011	CP422	-.2443		
CP123	.1876	CP146	-.2677	CP423	-.2961		

TEST

16

RUN 9

TP 2872.

MACH .401

Q

10242.6

P1

91221.5

ALPHA .31

CP101	-.0197	CP124	.2318	CP401	-.2467	CP424	-.3514
CP102	-.0159	CP125	.1792	CP402	-.2555		
CP103	-.0122	CP126	.0055	CP403	-.2719		
CP104	-.0111	CP127	-.3084	CP404	-.3337		
CP105	.0057	CP128	-.7231	CP405	-.3771		
CP106	-.0055	CP129	-1.8619	CP406	-.3216		
CP107	.0042	CP130	-1.3555	CP407	-.2503		
CP108	-.0075	CP131	-.9002	CP408	-.2502		
CP109	.0059	CP132	-.5161	CP409	-.2701		
CP110	.0010	CP133	-.4068	CP410	-.3152		
CP111	.1799	CP134	-.2796	CP411	-.3710		
CP112	.2241	CP135	.2177	CP412	-.3437		
CP113	.1756	CP136	.2326	CP413	-.2450		
CP114	-.0076	CP137	.1784	CP414	-.2519		
CP115	-.3061	CP138	-.0438	CP415	-.2684		
CP116	-.7078	CP139	-.3312	CP416	-.2815		
CP117	-1.8924	CP140	-.7537	CP417	-.3312		
CP118	-1.3428	CP141	-1.8888	CP418	-.3266		
CP119	-.8806	CP142	-1.2680	CP419	-.4860		
CP120	-.5156	CP143	-.8767	CP420	-.1672		
CP121	-.4290	CP144	-.4921	CP421	-.1729		
CP122	-.2739	CP145	-.3988	CP422	-.2366		
CP123	.2102	CP146	-.2656	CP423	-.2868		

TEST

16

RUN 9

TP 2873.

MACH .401

Q

10279.5

P1

91163.1

ALPHA 4.26

CP101	.0208	CP124	.2824	CP401	-.2564	CP424	-.3409
CP102	.0249	CP125	.2272	CP402	-.2650		
CP103	.0297	CP126	.0498	CP403	-.2824		
CP104	.0300	CP127	-.2713	CP404	-.3586		
CP105	.0452	CP128	-.6979	CP405	-.3815		
CP106	.0355	CP129	-1.9280	CP406	-.3178		
CP107	.0449	CP130	-1.4023	CP407	-.2557		
CP108	.0329	CP131	-.9215	CP408	-.2650		
CP109	.0469	CP132	-.5389	CP409	-.2803		
CP110	.0414	CP133	-.4192	CP410	-.3313		
CP111	.2214	CP134	-.2914	CP411	-.3797		
CP112	.2773	CP135	.2668	CP412	-.3423		
CP113	.2232	CP136	.2825	CP413	-.2584		
CP114	.0370	CP137	.2295	CP414	-.2551		
CP115	-.2685	CP138	.0062	CP415	-.2722		
CP116	-.6809	CP139	-.2908	CP416	-.2870		
CP117	-1.9368	CP140	-.7324	CP417	-.3457		
CP118	-1.3968	CP141	-1.9534	CP418	-.3340		
CP119	-.8981	CP142	-1.3105	CP419	-.4666		
CP120	-.5316	CP143	-.8902	CP420	-.1506		
CP121	-.4492	CP144	-.5143	CP421	-.1793		
CP122	-.2936	CP145	-.4236	CP422	-.2348		
CP123	.2593	CP146	-.2820	CP423	-.2725		

TEST

16

RUN 9

TP 2874.

MACH .401

Q

10243.7

P1

91197.5

ALPHA 8.34

CP101	.0665	CP124	.3376	CP401	-.2909	CP424	-.3109
CP102	.0737	CP125	.2784	CP402	-.2942		
CP103	.0795	CP126	.1000	CP403	-.3161		
CP104	.0784	CP127	-.2265	CP404	-.3786		
CP105	.0958	CP128	-.6675	CP405	-.3734		
CP106	.0858	CP129	-1.9841	CP406	-.3114		
CP107	.0940	CP130	-1.4767	CP407	-.2795		
CP108	.0798	CP131	-.9413	CP408	-.2861		
CP109	.0961	CP132	-.5634	CP409	-.3069		
CP110	.0882	CP133	-.4452	CP410	-.3616		
CP111	.2679	CP134	-.3169	CP411	-.3792		
CP112	.3331	CP135	.3202	CP412	-.3406		
CP113	.2754	CP136	.3346	CP413	-.2796		
CP114	.0906	CP137	.2779	CP414	-.2806		
CP115	-.2262	CP138	.0553	CP415	-.2862		
CP116	-.6504	CP139	-.2550	CP416	-.2960		
CP117	-1.9961	CP140	-.7098	CP417	-.3590		
CP118	-1.4616	CP141	-2.0311	CP418	-.3360		
CP119	-.9255	CP142	-1.3915	CP419	-.4370		
CP120	-.5607	CP143	-.9270	CP420	-.1224		
CP121	-.4849	CP144	-.5620	CP421	-.1780		
CP122	-.3114	CP145	-.4677	CP422	-.2534		
CP123	.3105	CP146	-.3247	CP423	-.2434		

TEST

16

RUN 9

TP 2875.

MACH .400

Q

10200.7

P1

91240.7

ALPHA 12.44

CP101	.1330	CP124	.3963	CP401	-.3026	CP424	-.2929
CP102	.1365	CP125	.3360	CP402	-.3107		
CP103	.1425	CP126	.1575	CP403	-.3428		
CP104	.1435	CP127	-.1693	CP404	-.3797		
CP105	.1601	CP128	-.6197	CP405	-.3655		
CP106	.1470	CP129	-2.0209	CP406	-.3012		
CP107	.1588	CP130	-1.5319	CP407	-.3002		
CP108	.1425	CP131	-.9520	CP408	-.3091		
CP109	.1535	CP132	-.5889	CP409	-.3276		
CP110	.1403	CP133	-.4758	CP410	-.3740		
CP111	.3165	CP134	-.3400	CP411	-.3779		
CP112	.3896	CP135	.3784	CP412	-.3314		
CP113	.3294	CP136	.3936	CP413	-.2987		
CP114	.1534	CP137	.3353	CP414	-.2995		
CP115	-.1671	CP138	.1197	CP415	-.3081		
CP116	-.6129	CP139	-.1996	CP416	-.3019		
CP117	-2.0425	CP140	-.6633	CP417	-.3590		
CP118	-1.5325	CP141	-2.0666	CP418	-.3300		
CP119	-.9321	CP142	-1.4364	CP419	-.3906		
CP120	-.5858	CP143	-.9378	CP420	-.0864		
CP121	-.5093	CP144	-.5906	CP421	-.1345		
CP122	-.3337	CP145	-.4903	CP422	-.2969		
CP123	.3668	CP146	-.3537	CP423	-.2373		

TEST

16

RUN 9

TP 2876.

MACH .399

Q

10170.0

P1

91286.7

ALPHA 16.53

CP101	.2098	CP124	.4573	CP401	-.3075	CP424	-.2620
CP102	.2170	CP125	.3920	CP402	-.3132		
CP103	.2238	CP126	.2189	CP403	-.3413		
CP104	.2225	CP127	-.1067	CP404	-.3652		
CP105	.2413	CP128	-.5700	CP405	-.3500		
CP106	.2265	CP129	-2.0554	CP406	-.2822		
CP107	.2350	CP130	-1.5923	CP407	-.3030		
CP108	.2137	CP131	-.9642	CP408	-.3164		
CP109	.2261	CP132	-.6228	CP409	-.3353		
CP110	.2007	CP133	-.5017	CP410	-.3729		
CP111	.3746	CP134	-.3716	CP411	-.3721		
CP112	.4486	CP135	.4351	CP412	-.3138		
CP113	.3818	CP136	.4524	CP413	-.3143		
CP114	.2232	CP137	.3884	CP414	-.3119		
CP115	-.1068	CP138	.1834	CP415	-.3264		
CP116	-.5576	CP139	-.1380	CP416	-.3004		
CP117	-2.0630	CP140	-.6136	CP417	-.3582		
CP118	-1.5695	CP141	-2.0909	CP418	-.3210		
CP119	-.9297	CP142	-1.4751	CP419	-.3528		
CP120	-.6077	CP143	-.9366	CP420	-.0550		
CP121	-.5397	CP144	-.6048	CP421	-.1065		
CP122	-.3599	CP145	-.5148	CP422	-.2983		
CP123	.4231	CP146	-.3801	CP423	-.2333		

TEST

16

RUN 9

TP 2877.

MACH .400

Q

10230.1

P1

91239.0

ALPHA 20.59

CP101	.2892	CP124	.5174	CP401	-.3021	CP424	-.2229
CP102	.2935	CP125	.4522	CP402	-.3165		
CP103	.2973	CP126	.2890	CP403	-.3530		
CP104	.2982	CP127	-.0366	CP404	-.3702		
CP105	.3094	CP128	-.5005	CP405	-.3556		
CP106	.2989	CP129	-2.0463	CP406	-.2724		
CP107	.3035	CP130	-1.6070	CP407	-.3331		
CP108	.2743	CP131	-.9416	CP408	-.3460		
CP109	.2864	CP132	-.6198	CP409	-.3631		
CP110	.2475	CP133	-.5161	CP410	-.3678		
CP111	.4193	CP134	-.3898	CP411	-.3761		
CP112	.5030	CP135	.5046	CP412	-.2877		
CP113	.4319	CP136	.5161	CP413	-.3344		
CP114	.2943	CP137	.4536	CP414	-.3417		
CP115	-.0489	CP138	.2608	CP415	-.3399		
CP116	-.5096	CP139	-.0516	CP416	-.3029		
CP117	-2.0863	CP140	-.5248	CP417	-.3653		
CP118	-1.6221	CP141	-2.0042	CP418	-.3099		
CP119	-.9538	CP142	-1.4203	CP419	-.4131		
CP120	-.6300	CP143	-.8759	CP420	-.0548		
CP121	-.5646	CP144	-.5816	CP421	-.1065		
CP122	-.3919	CP145	-.5004	CP422	-.2836		
CP123	.4895	CP146	-.3722	CP423	-.2006		

TEST

16

RUN 10

TP 2901.

MACH .400

Q

10215.5

P1

91229.1

ALPHA -1.63

CP101	-.0378	CP124	.2089	CP401	-.2465	CP424	-.3051
CP102	-.0331	CP125	.1574	CP402	-.2740		
CP103	-.0294	CP126	-.0222	CP403	-.2913		
CP104	-.0292	CP127	-.3459	CP404	-.3630		
CP105	-.0149	CP128	-.8022	CP405	-.3237		
CP106	-.0249	CP129	-2.2904	CP406	-.2596		
CP107	-.0155	CP130	-2.0223	CP407	-.4812		
CP108	-.0288	CP131	-1.4014	CP408	-.3458		
CP109	-.0155	CP132	-.9003	CP409	-.3064		
CP110	-.0218	CP133	-.7722	CP410	-.3504		
CP111	.1550	CP134	-.6092	CP411	-.2964		
CP112	.1995	CP135	.1866	CP412	-.3116		
CP113	.1510	CP136	.1977	CP413	-.2680		
CP114	-.0272	CP137	.1400	CP414	-.2648		
CP115	-.3195	CP138	-.0854	CP415	-.3126		
CP116	-.7300	CP139	-.3896	CP416	-.3283		
CP117	-1.9100	CP140	-.8465	CP417	-.3585		
CP118	-1.8385	CP141	-2.2144	CP418	-.2770		
CP119	-1.2271	CP142	-1.5057	CP419	-.4544		
CP120	-.7979	CP143	-1.0679	CP420	-.3894		
CP121	-.4473	CP144	-.6798	CP421	-.3133		
CP122	-.2942	CP145	-.5933	CP422	-.3560		
CP123	.1855	CP146	-.4283	CP423	-.3325		

TEST

16

RUN 10

TP 2902.

MACH .401

Q

10249.2

P1

91199.4

ALPHA .29

CP101	-.0217	CP124	.2221	CP401	-.2726	CP424	-.1971
CP102	-.0198	CP125	.1630	CP402	-.2908		
CP103	-.0155	CP126	-.0177	CP403	-.3201		
CP104	-.0173	CP127	-.3741	CP404	-.2936		
CP105	-.0020	CP128	-.8834	CP405	-.2000		
CP106	-.0111	CP129	-2.5919	CP406	-.1752		
CP107	-.0001	CP130	-2.0249	CP407	-.6100		
CP108	-.0112	CP131	-1.3724	CP408	-.2855		
CP109	.0024	CP132	-.8883	CP409	-.3116		
CP110	-.0016	CP133	-.7653	CP410	-.2754		
CP111	.1724	CP134	-.5942	CP411	-.1927		
CP112	.2120	CP135	.2108	CP412	-.1728		
CP113	.1596	CP136	.2245	CP413	-.5971		
CP114	-.0308	CP137	.1660	CP414	-.4357		
CP115	-.3665	CP138	-.0606	CP415	-.2691		
CP116	-.8481	CP139	-.3649	CP416	-.2563		
CP117	-2.5398	CP140	-.8307	CP417	-.2153		
CP118	-1.9445	CP141	-2.1990	CP418	-.1893		
CP119	-1.3214	CP142	-1.4987	CP419	-.5088		
CP120	-.5482	CP143	-1.0291	CP420	-.3873		
CP121	-.7785	CP144	-.6562	CP421	-.2986		
CP122	-.5898	CP145	-.5606	CP422	-.2707		
CP123	.2045	CP146	-.4042	CP423	-.2170		

TEST

16

RUN 10

TP 2903.

MACH .401

Q

10253.7

P1

91172.2

ALPHA 4.23

CP101	.0088	CP124	.2749	CP401	-.2759	CP424	-.1901
CP102	.0157	CP125	.2144	CP402	-.2778		
CP103	.0194	CP126	.0297	CP403	-.2869		
CP104	.0220	CP127	-.3296	CP404	-.2885		
CP105	.0402	CP128	-.8399	CP405	-.2772		
CP106	.0310	CP129	-2.5684	CP406	-.2575		
CP107	.0431	CP130	-2.0350	CP407	-.6294		
CP108	.0322	CP131	-1.3697	CP408	-.3454		
CP109	.0475	CP132	-.8883	CP409	-.2706		
CP110	.0408	CP133	-.7714	CP410	-.2857		
CP111	.2195	CP134	-.5964	CP411	-.2686		
CP112	.2673	CP135	.2610	CP412	-.2512		
CP113	.2107	CP136	.2728	CP413	-.5450		
CP114	.0202	CP137	.2187	CP414	-.4787		
CP115	-.3200	CP138	-.0098	CP415	-.2645		
CP116	-.8121	CP139	-.3200	CP416	-.2666		
CP117	-2.5508	CP140	-.7857	CP417	-.2186		
CP118	-1.9715	CP141	-2.1206	CP418	-.1833		
CP119	-1.3333	CP142	-1.4953	CP419	-.5248		
CP120	-.8638	CP143	-1.0131	CP420	-.3875		
CP121	-.7949	CP144	-.6316	CP421	-.3290		
CP122	-.5929	CP145	-.5568	CP422	-.2821		
CP123	.2527	CP146	-.3900	CP423	-.2138		

TEST

15

RUN 10

TP 2904.

MACH .400

Q

10221.7

P1

91206.2

ALPHA 8.31

CP101	.0695	CP124	.3259	CP401	-.2633	CP424	-.1832
CP102	.0757	CP125	.2524	CP402	-.3161		
CP103	.0792	CP126	.0779	CP403	-.3284		
CP104	.0767	CP127	-.2822	CP404	-.2920		
CP105	.0922	CP128	-.7975	CP405	-.1910		
CP106	.0802	CP129	-2.5712	CP406	-.1661		
CP107	.0916	CP130	-2.0595	CP407	-.5650		
CP108	.0757	CP131	-1.3507	CP408	-.3123		
CP109	.0913	CP132	-.8923	CP409	-.3415		
CP110	.0812	CP133	-.7823	CP410	-.2852		
CP111	.2614	CP134	-.6056	CP411	-.1880		
CP112	.3200	CP135	.3130	CP412	-.1651		
CP113	.2610	CP136	.3276	CP413	-.6380		
CP114	.0691	CP137	.2709	CP414	-.4049		
CP115	-.2806	CP138	.0452	CP415	-.2832		
CP116	-.7708	CP139	-.2717	CP416	-.2859		
CP117	-2.5664	CP140	-.7419	CP417	-.2145		
CP118	-2.0406	CP141	-2.1460	CP418	-.1856		
CP119	-1.3557	CP142	-1.4685	CP419	-.5429		
CP120	-.8882	CP143	-.9971	CP420	-.3957		
CP121	-.8201	CP144	-.6127	CP421	-.3984		
CP122	-.6144	CP145	-.5597	CP422	-.3410		
CP123	.3049	CP146	-.4098	CP423	-.2352		

TEST

16

RUN 10

TP 2905.

MACH .400

Q

10196.2

P1

91224.4

ALPHA 12.42

CP101	.1294	CP124	.3890	CP401	-.3004	CP424	-.1669
CP102	.1350	CP125	.3228	CP402	-.3358		
CP103	.1403	CP126	.1396	CP403	-.3379		
CP104	.1402	CP127	-.2193	CP404	-.2736		
CP105	.1564	CP128	-.7326	CP405	-.1671		
CP106	.1464	CP129	-2.5425	CP406	-.1561		
CP107	.1540	CP130	-2.0563	CP407	-.5701		
CP108	.1397	CP131	-1.3452	CP408	-.3239		
CP109	.1535	CP132	-.9012	CP409	-.3375		
CP110	.1381	CP133	-.7869	CP410	-.2656		
CP111	.3148	CP134	-.6162	CP411	-.1666		
CP112	.3859	CP135	.3719	CP412	-.1563		
CP113	.3153	CP136	.3889	CP413	-.6546		
CP114	.1341	CP137	.3267	CP414	-.4109		
CP115	-.2149	CP138	.1060	CP415	-.2796		
CP116	-.7109	CP139	-.2184	CP416	-.3038		
CP117	-2.5434	CP140	-.7063	CP417	-.2102		
CP118	-2.0568	CP141	-2.2048	CP418	-.1788		
CP119	-1.3236	CP142	-1.5617	CP419	-.5570		
CP120	-.8990	CP143	-1.0255	CP420	-.4050		
CP121	-.8339	CP144	-.6599	CP421	-.4153		
CP122	-.6218	CP145	-.6017	CP422	-.5046		
CP123	.3639	CP146	-.4450	CP423	-.2510		

TEST

16

RUN 10

TP 2406.

NACH .400

0

10204.7

01

91231.0

ALPHA 16.51

CP101	.2058	CP124	.4463	CP401	-.2909	CP424	-.1611
CP102	.2094	CP125	.3783	CP402	-.3361		
CP103	.2160	CP126	.2047	CP403	-.3277		
CP104	.2165	CP127	-.1501	CP404	-.2477		
CP105	.2321	CP128	-.6586	CP405	-.1506		
CP106	.2160	CP129	-2.4020	CP406	-.1421		
CP107	.2242	CP130	-2.0355	CP407	-.5234		
CP108	.2008	CP131	-1.2916	CP408	-.3235		
CP109	.2221	CP132	-.8785	CP409	-.3326		
CP110	.1966	CP133	-.7721	CP410	-.2639		
CP111	.3659	CP134	-.6077	CP411	-.1620		
CP112	.4425	CP135	.4317	CP412	-.1417		
CP113	.3692	CP136	.4480	CP413	-.6607		
CP114	.2017	CP137	.3863	CP414	-.3847		
CP115	-.1538	CP138	.1788	CP415	-.2850		
CP116	-.6541	CP139	-.1390	CP416	-.3392		
CP117	-2.5154	CP140	-.6225	CP417	-.2248		
CP118	-2.0765	CP141	-2.1264	CP418	-.1870		
CP119	-1.2923	CP142	-1.5023	CP419	-.5606		
CP120	-.8965	CP143	-.9551	CP420	-.4016		
CP121	-.8340	CP144	-.6355	CP421	-.4549		
CP122	-.6227	CP145	-.5743	CP422	-.7155		
CP123	.4203	CP146	-.4300	CP423	-.2746		

TEST

16

RUN 10

TP 2907.

MACH .400

Q

10239.7

P1

91206.5

ALPHA 20.58

CP101	.2822	CP124	.5114	CP401	-.2827	CP424	-.1330
CP102	.2855	CP125	.4453	CP402	-.3247		
CP103	.2856	CP126	.2728	CP403	-.3281		
CP104	.2858	CP127	-.0691	CP404	-.2414		
CP105	.2987	CP128	-.5743	CP405	-.1622		
CP106	.2843	CP129	-2.3743	CP406	-.1265		
CP107	.2953	CP130	-1.9253	CP407	-.4815		
CP108	.2706	CP131	-1.1827	CP408	-.3217		
CP109	.2904	CP132	-.8344	CP409	-.3251		
CP110	.2539	CP133	-.7395	CP410	-.2512		
CP111	.4188	CP134	-.5810	CP411	-.1557		
CP112	.5018	CP135	.4989	CP412	-.1151		
CP113	.4233	CP136	.5110	CP413	-.6400		
CP114	.2788	CP137	.4499	CP414	-.3258		
CP115	-.0799	CP138	.2540	CP415	-.2612		
CP116	-.5780	CP139	-.0508	CP416	-.3573		
CP117	-2.4153	CP140	-.5103	CP417	-.2309		
CP118	-2.0142	CP141	-1.9480	CP418	-.1629		
CP119	-1.2227	CP142	-1.3758	CP419	-.5453		
CP120	-.8631	CP143	-.8647	CP420	-.3989		
CP121	-.8104	CP144	-.5596	CP421	-.5569		
CP122	-.5946	CP145	-.5104	CP422	-.8178		
CP123	.4811	CP146	-.3918	CP423	-.2600		

TEST

16

RUN 11

TP 2912.

MACH .400

Q

10198.4

P1

91154.7

ALPHA -1.78

CP101	-.0352	CP124	.2068	CP401	-.2157	CP424	-.2363
CP102	-.0311	CP125	.1612	CP402	-.2282		
CP103	-.0282	CP126	-.0106	CP403	-.2548		
CP104	-.0297	CP127	-.3133	CP404	-.2798		
CP105	-.0159	CP128	-.7210	CP405	-.2925		
CP106	-.0249	CP129	-1.7650	CP406	-.2560		
CP107	-.0131	CP130	-1.2915	CP407	-.2304		
CP108	-.0220	CP131	-.8374	CP408	-.2432		
CP109	-.0132	CP132	-.4824	CP409	-.2810		
CP110	-.0215	CP133	-.3617	CP410	-.3185		
CP111	.1582	CP134	-.2423	CP411	-.2678		
CP112	.2016	CP135	.1978	CP412	-.2729		
CP113	.1545	CP136	.2117	CP413	-.2283		
CP114	-.0216	CP137	.1615	CP414	-.2451		
CP115	-.3038	CP138	-.0601	CP415	-.2686		
CP116	-.6964	CP139	-.3302	CP416	-.2937		
CP117	-1.7846	CP140	-.7307	CP417	-.3197		
CP118	-1.2829	CP141	-1.7784	CP418	-.2970		
CP119	-.8508	CP142	-1.1942	CP419	-.2449		
CP120	-.4690	CP143	-.8073	CP420	-.2316		
CP121	-.4107	CP144	-.4425	CP421	-.2786		
CP122	-.2464	CP145	-.3574	CP422	-.3086		
CP123	.1917	CP146	-.2230	CP423	-.3070		

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TEST

16

RUN 11

TP 2912.

MACH .400

Q

10198.4

P1

91154.7

ALPHA -1.78

CP101	-.0352	CP124	.2068	CP401	-.2157	CP424	-.2363
CP102	-.0311	CP125	.1612	CP402	-.2282		
CP103	-.0282	CP126	-.0106	CP403	-.2548		
CP104	-.0297	CP127	-.3133	CP404	-.2798		
CP105	-.0159	CP128	-.7210	CP405	-.2925		
CP106	-.0249	CP129	-1.7650	CP406	-.2560		
CP107	-.0131	CP130	-1.2915	CP407	-.2304		
CP108	-.0280	CP131	-.8374	CP408	-.2432		
CP109	-.0132	CP132	-.4824	CP409	-.2810		
CP110	-.0215	CP133	-.3617	CP410	-.3185		
CP111	.1582	CP134	-.2423	CP411	-.2678		
CP112	.2016	CP135	.1978	CP412	-.2729		
CP113	.1545	CP136	.2117	CP413	-.2283		
CP114	-.0216	CP137	.1615	CP414	-.2451		
CP115	-.3038	CP138	-.0601	CP415	-.2686		
CP116	-.6964	CP139	-.3302	CP416	-.2937		
CP117	-1.7846	CP140	-.7307	CP417	-.3197		
CP118	-1.2829	CP141	-1.7784	CP418	-.2970		
CP119	-.8508	CP142	-1.1942	CP419	-.2449		
CP120	-.4690	CP143	-.8073	CP420	-.2316		
CP121	-.4107	CP144	-.4425	CP421	-.2786		
CP122	-.2464	CP145	-.3574	CP422	-.3086		
CP123	.1917	CP146	-.2230	CP423	-.3070		

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

TEST

16

RUN 11

TP 2913.

MACH .400

Q

10186.6

P1

91153.3

ALPHA .14

CP101	-.0189	CP124	.2269	CP401	-.2198	CP424	-.2095
CP102	-.0121	CP125	.1656	CP402	-.2218		
CP103	-.0026	CP126	-.0096	CP403	-.2641		
CP104	.0016	CP127	-.3619	CP404	-.3058		
CP105	.0168	CP128	-.8592	CP405	-.2997		
CP106	.0067	CP129	-2.2615	CP406	-.2127		
CP107	.0145	CP130	-1.3192	CP407	-.5686		
CP108	.0010	CP131	-.8601	CP408	-.3327		
CP109	.0131	CP132	-.4725	CP409	-.2716		
CP110	.0047	CP133	-.3786	CP410	-.3221		
CP111	.1828	CP134	-.2491	CP411	-.3188		
CP112	.2252	CP135	.2163	CP412	-.2574		
CP113	.1778	CP136	.2282	CP413	-.2248		
CP114	-.0130	CP137	.1824	CP414	-.3557		
CP115	-.3472	CP138	-.0462	CP415	-.2531		
CP116	-.8135	CP139	-.3643	CP416	-.2681		
CP117	-2.3787	CP140	-.8449	CP417	-.2489		
CP118	-1.7966	CP141	-2.3098	CP418	-.2260		
CP119	-1.2112	CP142	-1.6139	CP419	-.4439		
CP120	-.7641	CP143	-1.1172	CP420	-.3649		
CP121	-.6874	CP144	-.7040	CP421	-.2427		
CP122	-.5149	CP145	-.6200	CP422	-.2503		
CP123	.2070	CP146	-.4526	CP423	-.2371		

TEST

16

RUN 11

TP 2914.

MACH .400

Q

10213.4

P1

91117.8

ALPHA 4.09

CP101	.0212	CP124	.2728	CP401	-.2279	CP424	-.1330
CP102	.0287	CP125	.2139	CP402	-.2343		
CP103	.0335	CP126	.0333	CP403	-.2419		
CP104	.0324	CP127	-.3250	CP404	-.2596		
CP105	.0452	CP128	-.8326	CP405	-.1527		
CP106	.0343	CP129	-2.5380	CP406	-.1375		
CP107	.0432	CP130	-1.9980	CP407	-.5521		
CP108	.0281	CP131	-1.3291	CP408	-.2724		
CP109	.0438	CP132	-.8555	CP409	-.2992		
CP110	.0389	CP133	-.7455	CP410	-.2588		
CP111	.2176	CP134	-.5774	CP411	-.1631		
CP112	.2694	CP135	.2609	CP412	-.1384		
CP113	.2109	CP136	.2747	CP413	-.5892		
CP114	.0201	CP137	.2195	CP414	-.4070		
CP115	-.3173	CP138	-.0043	CP415	-.2484		
CP116	-.7989	CP139	-.3142	CP416	-.2340		
CP117	-2.4943	CP140	-.7782	CP417	-.1708		
CP118	-1.9289	CP141	-2.1123	CP418	-.1444		
CP119	-1.2934	CP142	-1.4767	CP419	-.5018		
CP120	-.8373	CP143	-1.0095	CP420	-.3708		
CP121	-.7676	CP144	-.6195	CP421	-.3003		
CP122	-.5690	CP145	-.5248	CP422	-.2480		
CP123	.2526	CP146	-.3961	CP423	-.1833		

TEST

16

RUN 11

TP 2915.

MACH .400

Q

10216.3

P1

91101.9

ALPHA 8.18

CP101	.0696	CP124	.3320	CP401	-.2461	CP424	-.1300
CP102	.0759	CP125	.2653	CP402	-.2956		
CP103	.0785	CP126	.0952	CP403	-.3039		
CP104	.0814	CP127	-.2733	CP404	-.2601		
CP105	.0975	CP128	-.7817	CP405	-.1530		
CP106	.0843	CP129	-2.5216	CP406	-.1369		
CP107	.0928	CP130	-2.0028	CP407	-.5231		
CP108	.0785	CP131	-1.3161	CP408	-.2842		
CP109	.0951	CP132	-.8637	CP409	-.3125		
CP110	.0853	CP133	-.7493	CP410	-.2597		
CP111	.2640	CP134	-.5791	CP411	-.1606		
CP112	.3269	CP135	.3172	CP412	-.1385		
CP113	.2634	CP136	.3310	CP413	-.6077		
CP114	.0743	CP137	.2702	CP414	-.3743		
CP115	-.2706	CP138	.0531	CP415	-.2568		
CP116	-.7613	CP139	-.2608	CP416	-.2554		
CP117	-2.5067	CP140	-.7250	CP417	-.1864		
CP118	-1.9788	CP141	-2.0703	CP418	-.1450		
CP119	-1.3093	CP142	-1.4564	CP419	-.5185		
CP120	-.8569	CP143	-.9692	CP420	-.3694		
CP121	-.7884	CP144	-.5824	CP421	-.3707		
CP122	-.5877	CP145	-.5039	CP422	-.3039		
CP123	.3056	CP146	-.3787	CP423	-.1927		

TEST

16

RUN 11

TP 2916.

MACH .397

Q

10073.0

P1

91269.5

ALPHA 12.28

CP101	.1276	CP124	.3920	CP401	-.2802	CP424	-.1218
CP102	.1343	CP125	.3237	CP402	-.3152		
CP103	.1422	CP126	.1438	CP403	-.3118		
CP104	.1421	CP127	-.2128	CP404	-.2275		
CP105	.1550	CP128	-.7253	CP405	-.1444		
CP106	.1473	CP129	-2.4980	CP406	-.1338		
CP107	.1533	CP130	-2.0019	CP407	-.5431		
CP108	.1362	CP131	-1.2900	CP408	-.2995		
CP109	.1531	CP132	-.8576	CP409	-.3140		
CP110	.1368	CP133	-.7570	CP410	-.2366		
CP111	.3147	CP134	-.5895	CP411	-.1443		
CP112	.3854	CP135	.3725	CP412	-.1289		
CP113	.3167	CP136	.3871	CP413	-.6259		
CP114	.1394	CP137	.3273	CP414	-.3763		
CP115	-.2107	CP138	.1139	CP415	-.2522		
CP116	-.7029	CP139	-.2059	CP416	-.2744		
CP117	-2.4914	CP140	-.6531	CP417	-.1820		
CP118	-2.0020	CP141	-2.1277	CP418	-.1455		
CP119	-1.2804	CP142	-1.4984	CP419	-.5293		
CP120	-.8658	CP143	-.9846	CP420	-.3776		
CP121	-.8008	CP144	-.6243	CP421	-.3919		
CP122	-.5925	CP145	-.5585	CP422	-.4657		
CP123	.3651	CP146	-.4078	CP423	-.2086		

TEST

16

RUN 11

TP 2917.

MACH .398

Q

10134.6

P1

91209.3

ALPHA 16.36

CP101	.1984	CP124	.4510	CP401	-.2756	CP424	-.1076
CP102	.2012	CP125	.3348	CP402	-.3179		
CP103	.2044	CP126	.2058	CP403	-.3178		
CP104	.2066	CP127	-.1360	CP404	-.2408		
CP105	.2249	CP128	-.6434	CP405	-.1540		
CP106	.2164	CP129	-2.4280	CP406	-.1214		
CP107	.2258	CP130	-1.9653	CP407	-.4953		
CP108	.2049	CP131	-1.2392	CP408	-.2964		
CP109	.2201	CP132	-.8435	CP409	-.3118		
CP110	.1954	CP133	-.7435	CP410	-.2358		
CP111	.3669	CP134	-.5768	CP411	-.1361		
CP112	.4469	CP135	.4361	CP412	-.1149		
CP113	.3742	CP136	.4489	CP413	-.6262		
CP114	.2114	CP137	.3886	CP414	-.3430		
CP115	-.1406	CP138	.1841	CP415	-.2522		
CP116	-.6357	CP139	-.1337	CP416	-.3094		
CP117	-2.4457	CP140	-.6015	CP417	-.2013		
CP118	-2.0076	CP141	-2.0389	CP418	-.1442		
CP119	-1.2350	CP142	-1.4527	CP419	-.5294		
CP120	-.8545	CP143	-.9245	CP420	-.3690		
CP121	-.7951	CP144	-.6033	CP421	-.4233		
CP122	-.5861	CP145	-.5340	CP422	-.6906		
CP123	.4223	CP146	-.3956	CP423	-.2240		

TEST

16

RUN 11

TP 2918.

MACH .400

Q

10187.6

P1

91168.2

ALPHA 20.43

CP101	.2743	CP124	.5161	CP401	-.2605	CP424	-.0931
CP102	.2800	CP125	.4450	CP402	-.2992		
CP103	.2877	CP126	.2756	CP403	-.2961		
CP104	.2897	CP127	-.0584	CP404	-.2190		
CP105	.3005	CP128	-.5596	CP405	-.1356		
CP106	.2910	CP129	-2.3129	CP406	-.0884		
CP107	.3005	CP130	-1.8842	CP407	-.4341		
CP108	.2766	CP131	-1.1501	CP408	-.2888		
CP109	.2891	CP132	-.8050	CP409	-.3009		
CP110	.2541	CP133	-.7050	CP410	-.2227		
CP111	.4187	CP134	-.5493	CP411	-.1364		
CP112	.5024	CP135	.4990	CP412	-.0911		
CP113	.4275	CP136	.5131	CP413	-.6153		
CP114	.2780	CP137	.4520	CP414	-.3068		
CP115	-.0780	CP138	.2618	CP415	-.2393		
CP116	-.5688	CP139	-.0458	CP416	-.3261		
CP117	-2.3680	CP140	-.4914	CP417	-.2015		
CP118	-1.9513	CP141	-1.8938	CP418	-.1298		
CP119	-1.1789	CP142	-1.3126	CP419	-.5190		
CP120	-.8255	CP143	-.8222	CP420	-.3717		
CP121	-.7692	CP144	-.5196	CP421	-.5286		
CP122	-.5616	CP145	-.4804	CP422	-.7543		
CP123	.4847	CP146	-.3637	CP423	-.2248		

TEST

16

RUN 12

TP 2921.

MACH .600

Q

20093.9

P1

79711.5

ALPHA -1.70

CP101	-.0330	CP124	.2781	CP401	-.2071	CP424	-.2398
CP102	-.0304	CP125	.2472	CP402	-.2182		
CP103	-.0272	CP126	.0926	CP403	-.2515		
CP104	-.0283	CP127	-.1789	CP404	-.2963		
CP105	-.0119	CP128	-.4794	CP405	-.2918		
CP106	-.0209	CP129	-1.4175	CP406	-.2491		
CP107	-.0088	CP130	-.9777	CP407	-.2227		
CP108	-.0235	CP131	-.9345	CP408	-.2221		
CP109	-.0062	CP132	-.4133	CP409	-.2464		
CP110	-.0102	CP133	-.3203	CP410	-.2878		
CP111	.2039	CP134	-.2272	CP411	-.2847		
CP112	.2621	CP135	.2491	CP412	-.2549		
CP113	.2378	CP136	.2764	CP413	-.2270		
CP114	.0651	CP137	.2435	CP414	-.2145		
CP115	-.1714	CP138	.0318	CP415	-.2254		
CP116	-.4608	CP139	-.1927	CP416	-.2584		
CP117	-1.3907	CP140	-.5130	CP417	-.2637		
CP118	-.9446	CP141	-1.5151	CP418	-.2590		
CP119	-.8829	CP142	-.9591	CP419	-.2118		
CP120	-.4065	CP143	-.9093	CP420	-.2104		
CP121	-.3538	CP144	-.3966	CP421	-.2353		
CP122	-.2358	CP145	-.3132	CP422	-.2589		
CP123	.2429	CP146	-.2154	CP423	-.2653		

TEST

16

RUN 12

TP 2922.

MACH .599

0

20047.5

P1

79762.0

ALPHA .24

CP101	-.0094	CP124	.3014	CP401	-.1902	CP424	-.2467
CP102	-.0089	CP125	.2705	CP402	-.2081		
CP103	-.0019	CP126	.1063	CP403	-.2555		
CP104	-.0020	CP127	-.1597	CP404	-.2816		
CP105	.0160	CP128	-.4599	CP405	-.2807		
CP106	.0063	CP129	-1.4071	CP406	-.2365		
CP107	.0169	CP130	-.9786	CP407	-.2099		
CP108	.0022	CP131	-.9547	CP408	-.2138		
CP109	.0176	CP132	-.4053	CP409	-.2537		
CP110	.0128	CP133	-.3269	CP410	-.2743		
CP111	.2262	CP134	-.2356	CP411	-.2850		
CP112	.2864	CP135	.2743	CP412	-.2563		
CP113	.2637	CP136	.3003	CP413	-.2088		
CP114	.0876	CP137	.2700	CP414	-.2210		
CP115	-.1598	CP138	.0560	CP415	-.2449		
CP116	-.4490	CP139	-.1737	CP416	-.2613		
CP117	-1.3909	CP140	-.4899	CP417	-.2827		
CP118	-.9545	CP141	-1.5064	CP418	-.2618		
CP119	-.9067	CP142	-.9631	CP419	-.2228		
CP120	-.4199	CP143	-.9246	CP420	-.2145		
CP121	-.3586	CP144	-.3902	CP421	-.2321		
CP122	-.2265	CP145	-.3224	CP422	-.2663		
CP123	.2654	CP146	-.2189	CP423	-.2513		

TEST

16

RUN 12

TP 2923.

MACH .600

Q

20106.5

P1

79692.6

ALPHA 4.27

CP101	.0243	CP124	.3535	CP401	-.2592	CP424	-.2446
CP102	.0320	CP125	.3233	CP402	-.2137		
CP103	.0381	CP126	.1547	CP403	-.2235		
CP104	.0406	CP127	-.1101	CP404	-.2308		
CP105	.0573	CP128	-.4127	CP405	-.2304		
CP106	.0467	CP129	-1.3749	CP406	-.2243		
CP107	.0568	CP130	-.9852	CP407	-.1947		
CP108	.0434	CP131	-.9652	CP408	-.2011		
CP109	.0606	CP132	-.4151	CP409	-.2190		
CP110	.0576	CP133	-.3291	CP410	-.2290		
CP111	.2712	CP134	-.2306	CP411	-.2382		
CP112	.3420	CP135	.3259	CP412	-.2389		
CP113	.3135	CP136	.3560	CP413	-.1953		
CP114	.1328	CP137	.3231	CP414	-.2007		
CP115	-.1170	CP138	.1107	CP415	-.2139		
CP116	-.4043	CP139	-.1229	CP416	-.2261		
CP117	-1.3558	CP140	-.4412	CP417	-.2399		
CP118	-.9595	CP141	-1.4741	CP418	-.2507		
CP119	-.8969	CP142	-.9963	CP419	-.2062		
CP120	-.4090	CP143	-.9661	CP420	-.1977		
CP121	-.3584	CP144	-.4053	CP421	-.2124		
CP122	-.2407	CP145	-.3395	CP422	-.2199		
CP123	.3174	CP146	-.2357	CP423	-.2366		

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

TEST

16

RUN 12

TP 2924.

MACH .600

Q

20068.7

P1

79729.7

ALPHA 8.48

CP101	.0863	CP124	.4128	CP401	-.2522	CP424	-.2391
CP102	.0880	CP125	.3791	CP402	-.2371		
CP103	.0942	CP126	.2046	CP403	-.2488		
CP104	.0960	CP127	-.0633	CP404	-.2342		
CP105	.1124	CP128	-.3636	CP405	-.2287		
CP106	.1018	CP129	-1.3492	CP406	-.2169		
CP107	.1111	CP130	-1.0649	CP407	-.2508		
CP108	.0926	CP131	-1.1224	CP408	-.2382		
CP109	.1107	CP132	-.4724	CP409	-.2656		
CP110	.1038	CP133	-.4090	CP410	-.2570		
CP111	.3187	CP134	-.2666	CP411	-.2443		
CP112	.3964	CP135	.3792	CP412	-.2358		
CP113	.3671	CP136	.4093	CP413	-.2497		
CP114	.1885	CP137	.3769	CP414	-.2423		
CP115	-.0669	CP138	.1675	CP415	-.2554		
CP116	-.3536	CP139	-.0741	CP416	-.2510		
CP117	-1.3290	CP140	-.3948	CP417	-.2648		
CP118	-1.1123	CP141	-1.4471	CP418	-.2352		
CP119	-1.0124	CP142	-1.0552	CP419	-.2681		
CP120	-.4531	CP143	-1.0905	CP420	-.2330		
CP121	-.4396	CP144	-.4214	CP421	-.2610		
CP122	-.3001	CP145	-.3785	CP422	-.2556		
CP123	.3721	CP146	-.2797	CP423	-.2046		

TEST

16

RUN 12

TP 2925.

MACH .600

Q

20092.0

P1

79699.5

ALPHA 12.65

CP101	.1363	CP124	.4685	CP401	-.4065	CP424	-.2080
CP102	.1473	CP125	.4306	CP402	-.2629		
CP103	.1578	CP126	.2648	CP403	-.2858		
CP104	.1559	CP127	-.0027	CP404	-.2264		
CP105	.1746	CP128	-.3020	CP405	-.2444		
CP106	.1654	CP129	-1.3019	CP406	-.2178		
CP107	.1765	CP130	-1.2167	CP407	-.3000		
CP108	.1586	CP131	-1.2013	CP408	-.2729		
CP109	.1759	CP132	-.5248	CP409	-.2769		
CP110	.1621	CP133	-.4331	CP410	-.2723		
CP111	.3703	CP134	-.2779	CP411	-.2298		
CP112	.4570	CP135	.4390	CP412	-.2214		
CP113	.4158	CP136	.4691	CP413	-.2797		
CP114	.2548	CP137	.4325	CP414	-.2899		
CP115	.0015	CP138	.2306	CP415	-.2841		
CP116	-.2906	CP139	-.0155	CP416	-.2749		
CP117	-1.2799	CP140	-.3313	CP417	-.2126		
CP118	-1.1745	CP141	-1.3998	CP418	-.2191		
CP119	-1.1106	CP142	-1.2058	CP419	-.3076		
CP120	-.5314	CP143	-1.2282	CP420	-.2580		
CP121	-.5939	CP144	-.5860	CP421	-.3157		
CP122	-.3077	CP145	-.4574	CP422	-.3545		
CP123	.4272	CP146	-.3913	CP423	-.2533		

TEST

16

RUN 12

TP 2926.

MACH .600

Q

20064.5

P1

79733.2

ALPHA 16.79

CP101	.2210	CP124	.5276	CP401	-.3541	CP424	-.1601
CP102	.2277	CP125	.4835	CP402	-.2541		
CP103	.2393	CP126	.3238	CP403	-.2403		
CP104	.2359	CP127	.0581	CP404	-.2347		
CP105	.2551	CP128	-.2388	CP405	-.1429		
CP106	.2424	CP129	-1.2577	CP406	-.1575		
CP107	.2524	CP130	-1.3534	CP407	-.2810		
CP108	.2278	CP131	-1.2746	CP408	-.2658		
CP109	.2460	CP132	-.6511	CP409	-.2550		
CP110	.2201	CP133	-.5711	CP410	-.2486		
CP111	.4198	CP134	-.4271	CP411	-.1622		
CP112	.5109	CP135	.4967	CP412	-.1724		
CP113	.4696	CP136	.5254	CP413	-.3177		
CP114	.3192	CP137	.4862	CP414	-.2822		
CP115	.0617	CP138	.2923	CP415	-.2499		
CP116	-.2256	CP139	.0479	CP416	-.2726		
CP117	-1.2335	CP140	-.2703	CP417	-.1924		
CP118	-1.3160	CP141	-1.3585	CP418	-.1729		
CP119	-1.2375	CP142	-1.4166	CP419	-.3415		
CP120	-.6625	CP143	-1.3495	CP420	-.2670		
CP121	-.6165	CP144	-.6566	CP421	-.3644		
CP122	-.4352	CP145	-.5989	CP422	-.4993		
CP123	.4818	CP146	-.4606	CP423	-.2089		

TEST

16

RUN 12

TP 2927.

MACH .598

Q

20010.0

P1

79858.6

ALPHA 20.86

CP101	.2969	CP124	.5838	CP401	-.3038	CP424	-.1419
CP102	.3078	CP125	.5390	CP402	-.2451		
CP103	.3145	CP126	.3896	CP403	-.2395		
CP104	.3137	CP127	.1239	CP404	-.2479		
CP105	.3260	CP128	-.1696	CP405	-.1527		
CP106	.3172	CP129	-1.2160	CP406	-.1514		
CP107	.3265	CP130	-1.3930	CP407	-.3063		
CP108	.2984	CP131	-1.2709	CP408	-.2634		
CP109	.3152	CP132	-.6567	CP409	-.2604		
CP110	.2803	CP133	-.5627	CP410	-.2598		
CP111	.4719	CP134	-.4271	CP411	-.1786		
CP112	.5616	CP135	.5583	CP412	-.1635		
CP113	.5085	CP136	.5825	CP413	-.3231		
CP114	.3758	CP137	.5405	CP414	-.2803		
CP115	.1143	CP138	.3552	CP415	-.2547		
CP116	-.1737	CP139	.1148	CP416	-.2876		
CP117	-1.1988	CP140	-.1979	CP417	-.2129		
CP118	-1.3452	CP141	-1.3148	CP418	-.1600		
CP119	-1.2462	CP142	-1.4063	CP419	-.3172		
CP120	-.6562	CP143	-1.3124	CP420	-.2994		
CP121	-.6102	CP144	-.6415	CP421	-.4358		
CP122	-.4298	CP145	-.5747	CP422	-.4985		
CP123	.5416	CP146	-.4359	CP423	-.2000		

TEST

16

RUN 13

TP 2939.

MACH .400

Q

10219.2

P1

91039.7

ALPHA -2.05

CP101	-.0372	CP124	.2130	CP401	-.2171	CP424	-.2708
CP102	-.0342	CP125	.1635	CP402	-.2416		
CP103	-.0285	CP126	-.0039	CP403	-.2728		
CP104	-.0276	CP127	-.3034	CP404	-.3345		
CP105	-.0154	CP128	-.7034	CP405	-.2969		
CP106	-.0248	CP129	-1.7711	CP406	-.2042		
CP107	-.0142	CP130	-1.2767	CP407	-.2408		
CP108	-.0287	CP131	-.8412	CP408	-.3580		
CP109	-.0149	CP132	-.4744	CP409	-.2898		
CP110	-.0230	CP133	-.7226	CP410	-.3424		
CP111	.1603	CP134	-.3157	CP411	-.3131		
CP112	.2028	CP135	.2042	CP412	-.2353		
CP113	.1577	CP136	.2160	CP413	-.2363		
CP114	-.0178	CP137	.1658	CP414	-.2555		
CP115	-.2987	CP138	-.0484	CP415	-.2871		
CP116	-.6933	CP139	-.3184	CP416	-.3094		
CP117	-1.7969	CP140	-.7243	CP417	-.3172		
CP118	-1.2819	CP141	-1.7795	CP418	-.2744		
CP119	-.8431	CP142	-1.2281	CP419	-.2423		
CP120	-.4683	CP143	-.7996	CP420	-.2332		
CP121	-.4099	CP144	-.4409	CP421	-.2874		
CP122	-.2695	CP145	-.3444	CP422	-.3307		
CP123	.1910	CP146	-.2284	CP423	-.3076		

TEST

16

RUN 13

TP 2940.

MACH .400

Q

10181.8

P1

91079.3

ALPHA -.12

CP101	-.0204	CP124	.2398	CP401	-.2148	CP424	-.2758
CP102	-.0119	CP125	.1853	CP402	-.2277		
CP103	-.0037	CP126	.0146	CP403	-.2953		
CP104	-.0054	CP127	-.2896	CP404	-.3302		
CP105	.0065	CP128	-.6854	CP405	-.2940		
CP106	-.0003	CP129	-2.5162	CP406	-.1993		
CP107	.0081	CP130	-1.9505	CP407	-.2272		
CP108	-.0058	CP131	-1.3193	CP408	-.2480		
CP109	.0085	CP132	-.8476	CP409	-.3142		
CP110	.0029	CP133	-.7315	CP410	-.3395		
CP111	.1619	CP134	-.2698	CP411	-.2631		
CP112	.2229	CP135	.2205	CP412	-.1987		
CP113	.1690	CP136	.2354	CP413	-.4906		
CP114	-.0112	CP137	.1853	CP414	-.4219		
CP115	-.2873	CP138	-.0316	CP415	-.3009		
CP116	-.6907	CP139	-.3578	CP416	-.3014		
CP117	-1.8290	CP140	-.8423	CP417	-.3085		
CP118	-1.3137	CP141	-2.2903	CP418	-.2707		
CP119	-.8411	CP142	-1.6072	CP419	-.2356		
CP120	-.4699	CP143	-1.1113	CP420	-.2302		
CP121	-.6925	CP144	-.7091	CP421	-.2495		
CP122	-.2673	CP145	-.6149	CP422	-.3338		
CP123	.2160	CP146	-.2552	CP423	-.3012		

TEST

16

RUN 13

TP 2941.

MACH .401

Q

10227.0

P1

91024.2

ALPHA 3.82

CP101	.0168	CP124	.2794	CP401	-.2153	CP424	-.1038
CP102	.0243	CP125	.2200	CP402	-.2262		
CP103	.0326	CP126	.0394	CP403	-.2677		
CP104	.0319	CP127	-.3131	CP404	-.2868		
CP105	.0460	CP128	-.8145	CP405	-.2544		
CP106	.0372	CP129	-2.4942	CP406	-.1934		
CP107	.0464	CP130	-1.9548	CP407	-.5876		
CP108	.0316	CP131	-1.3046	CP408	-.3204		
CP109	.0470	CP132	-.8395	CP409	-.2866		
CP110	.0403	CP133	-.7248	CP410	-.2383		
CP111	.2198	CP134	-.5554	CP411	-.1388		
CP112	.2702	CP135	.2651	CP412	-.1256		
CP113	.2131	CP136	.2816	CP413	-.5713		
CP114	.0261	CP137	.2243	CP414	-.3879		
CP115	-.3084	CP138	.0010	CP415	-.2329		
CP116	-.7853	CP139	-.2999	CP416	-.2146		
CP117	-2.4404	CP140	-.7579	CP417	-.1602		
CP118	-1.8810	CP141	-2.0617	CP418	-.1247		
CP119	-1.2614	CP142	-1.4112	CP419	-.4803		
CP120	-.8098	CP143	-.9609	CP420	-.3497		
CP121	-.7445	CP144	-.5700	CP421	-.2820		
CP122	-.5493	CP145	-.5041	CP422	-.2240		
CP123	.2578	CP146	-.3751	CP423	-.1543		

TEST

16

RUN 13

TP 2942.

MACH .399

Q

10171.0

P1

91102.9

ALPHA 7.89

CP101	.0664	CP124	.3322	CP401	-.2328	CP424	-.1015
CP102	.0725	CP125	.2721	CP402	-.2733		
CP103	.0770	CP126	.0901	CP403	-.2919		
CP104	.0815	CP127	-.2630	CP404	-.2355		
CP105	.0959	CP128	-.7660	CP405	-.1424		
CP106	.0851	CP129	-2.4752	CP406	-.1196		
CP107	.0932	CP130	-1.9619	CP407	-.5082		
CP108	.0785	CP131	-1.2794	CP408	-.2654		
CP109	.0963	CP132	-.8324	CP409	-.2949		
CP110	.0857	CP133	-.7202	CP410	-.2355		
CP111	.2671	CP134	-.5491	CP411	-.1340		
CP112	.3285	CP135	.3194	CP412	-.1149		
CP113	.2685	CP136	.3338	CP413	-.5791		
CP114	.0802	CP137	.2771	CP414	-.3556		
CP115	-.2599	CP138	.0584	CP415	-.2338		
CP116	-.7432	CP139	-.2457	CP416	-.2319		
CP117	-2.4464	CP140	-.7025	CP417	-.1583		
CP118	-1.9230	CP141	-2.0242	CP418	-.1261		
CP119	-1.2596	CP142	-1.3646	CP419	-.4918		
CP120	-.8246	CP143	-.9279	CP420	-.3519		
CP121	-.7573	CP144	-.5621	CP421	-.3572		
CP122	-.5560	CP145	-.4997	CP422	-.2828		
CP123	.3110	CP146	-.3643	CP423	-.1584		

TEST

16

RUN 13

TP 2943.

MACH .396

Q

10030.6

P1

91266.0

ALPHA 11.97

CP101	.1296	CP124	.3952	CP401	-.2449	CP424	-.0940
CP102	.1351	CP125	.3319	CP402	-.2859		
CP103	.1410	CP126	.1485	CP403	-.2863		
CP104	.1412	CP127	-.1970	CP404	-.2288		
CP105	.1553	CP128	-.7017	CP405	-.1362		
CP106	.1453	CP129	-2.4202	CP406	-.1132		
CP107	.1550	CP130	-1.9325	CP407	-.5299		
CP108	.1366	CP131	-1.2233	CP408	-.2733		
CP109	.1539	CP132	-.8192	CP409	-.2887		
CP110	.1380	CP133	-.7133	CP410	-.2184		
CP111	.3146	CP134	-.5535	CP411	-.1328		
CP112	.3842	CP135	.3779	CP412	-.1145		
CP113	.3205	CP136	.3914	CP413	-.5911		
CP114	.1422	CP137	.3332	CP414	-.3511		
CP115	-.1956	CP138	.1241	CP415	-.2201		
CP116	-.6843	CP139	-.1921	CP416	-.2561		
CP117	-2.4157	CP140	-.6571	CP417	-.1653		
CP118	-1.9236	CP141	-2.0414	CP418	-.1306		
CP119	-1.2162	CP142	-1.4706	CP419	-.4924		
CP120	-.8215	CP143	-.9527	CP420	-.3531		
CP121	-.7593	CP144	-.6164	CP421	-.3710		
CP122	-.5544	CP145	-.5503	CP422	-.4734		
CP123	.3669	CP146	-.4135	CP423	-.1789		

TEST

16

RUN 13

TP 2944.

MACH .400

Q

10197.8

P1

91084.9

ALPHA 16.06

CP101	.1967	CP124	.4539	CP401	-.2450	CP424	-.1013
CP102	.2046	CP125	.3841	CP402	-.2750		
CP103	.2192	CP126	.2115	CP403	-.2745		
CP104	.2162	CP127	-.1326	CP404	-.2174		
CP105	.2304	CP128	-.6381	CP405	-.1278		
CP106	.2210	CP129	-2.3728	CP406	-.0884		
CP107	.2301	CP130	-1.9195	CP407	-.4846		
CP108	.2068	CP131	-1.1963	CP408	-.2609		
CP109	.2226	CP132	-.8033	CP409	-.2775		
CP110	.1979	CP133	-.7002	CP410	-.2085		
CP111	.3719	CP134	-.5399	CP411	-.1244		
CP112	.4504	CP135	.4386	CP412	-.0944		
CP113	.3791	CP136	.4521	CP413	-.5826		
CP114	.2204	CP137	.3930	CP414	-.3160		
CP115	-.1243	CP138	.1948	CP415	-.2096		
CP116	-.6091	CP139	-.1183	CP416	-.2891		
CP117	-2.3652	CP140	-.5835	CP417	-.1875		
CP118	-1.9194	CP141	-2.0041	CP418	-.1429		
CP119	-1.1727	CP142	-1.4143	CP419	-.4851		
CP120	-.8009	CP143	-.8873	CP420	-.3345		
CP121	-.7442	CP144	-.5731	CP421	-.3874		
CP122	-.5479	CP145	-.5024	CP422	-.7060		
CP123	.4280	CP146	-.3673	CP423	-.2116		

TEST

16

RUN 13

TP 2945.

MACH .400

Q

10191.8

P1

91092.3

ALPHA 20.11

CP101	.2698	CP124	.5164	CP401	-.2345	CP424	-.0797
CP102	.2803	CP125	.4475	CP402	-.2646		
CP103	.2925	CP126	.2892	CP403	-.2578		
CP104	.2893	CP127	-.0494	CP404	-.1943		
CP105	.3033	CP128	-.5361	CP405	-.1060		
CP106	.2934	CP129	-2.2412	CP406	-.0604		
CP107	.3032	CP130	-1.8134	CP407	-.4208		
CP108	.2776	CP131	-1.1027	CP408	-.2531		
CP109	.2890	CP132	-.7584	CP409	-.2606		
CP110	.2541	CP133	-.6605	CP410	-.1840		
CP111	.4252	CP134	-.5115	CP411	-.1093		
CP112	.5038	CP135	.5070	CP412	-.0781		
CP113	.4291	CP136	.5141	CP413	-.5732		
CP114	.2865	CP137	.4569	CP414	-.2750		
CP115	-.0643	CP138	.2685	CP415	-.1950		
CP116	-.5497	CP139	-.0319	CP416	-.2984		
CP117	-2.2845	CP140	-.4787	CP417	-.1849		
CP118	-1.8868	CP141	-1.8394	CP418	-.1382		
CP119	-1.1222	CP142	-1.2887	CP419	-.4758		
CP120	-.7815	CP143	-.7860	CP420	-.3398		
CP121	-.7229	CP144	-.4861	CP421	-.4952		
CP122	-.5233	CP145	-.4453	CP422	-.7589		
CP123	.4888	CP146	-.3355	CP423	-.2001		

TEST

16

RUN 14

TP 2963.

MACH .696

Q

24884.6

P1

73408.6

ALPHA -2.04

CP101	-.0188	CP124	.3128	CP401	-.1952	CP424	-.1902
CP102	-.0132	CP125	.2901	CP402	-.1701		
CP103	-.0085	CP126	.1268	CP403	-.1836		
CP104	-.0094	CP127	-.1076	CP404	-.1700		
CP105	.0092	CP128	-.3550	CP405	-.1808		
CP106	-.0002	CP129	-1.0654	CP406	-.1898		
CP107	.0093	CP130	-.8908	CP407	-.1838		
CP108	-.0097	CP131	-.8455	CP408	-.1807		
CP109	.0075	CP132	-.3948	CP409	-.2002		
CP110	-.0008	CP133	-.2901	CP410	-.1878		
CP111	.2329	CP134	-.2078	CP411	-.2083		
CP112	.2973	CP135	.2804	CP412	-.1894		
CP113	.2830	CP136	.3137	CP413	-.2259		
CP114	.1083	CP137	.2902	CP414	-.1876		
CP115	-.1042	CP138	.0850	CP415	-.2096		
CP116	-.3424	CP139	-.1079	CP416	-.2048		
CP117	-1.0429	CP140	-.3778	CP417	-.2349		
CP118	-.8591	CP141	-1.1470	CP418	-.1996		
CP119	-.7680	CP142	-.7961	CP419	-.1807		
CP120	-.3820	CP143	-.8085	CP420	-.1848		
CP121	-.4762	CP144	-.3966	CP421	-.1792		
CP122	-.2010	CP145	-.3244	CP422	-.2204		
CP123	.2686	CP146	-.2366	CP423	-.1982		

TEST

16

RUN 14

TP 2964.

MACH .701

0

25156.1

P1

73048.0

ALPHA -.09

CP101	-.0186	CP124	.3403	CP401	-.1943	CP424	-.1971
CP102	-.0125	CP125	.3247	CP402	-.1966		
CP103	-.0063	CP126	.1657	CP403	-.2058		
CP104	-.0055	CP127	-.0703	CP404	-.1964		
CP105	.0129	CP128	-.3197	CP405	-.1894		
CP106	.0034	CP129	-1.0271	CP406	-.1790		
CP107	.0146	CP130	-.8192	CP407	-.1853		
CP108	.0003	CP131	-.8214	CP408	-.1839		
CP109	.0189	CP132	-.3795	CP409	-.2175		
CP110	.0173	CP133	-.2909	CP410	-.2274		
CP111	.2529	CP134	-.2866	CP411	-.1941		
CP112	.3226	CP135	.3081	CP412	-.1781		
CP113	.3052	CP136	.3440	CP413	-.1761		
CP114	.1312	CP137	.3224	CP414	-.1806		
CP115	-.0848	CP138	.1157	CP415	-.1943		
CP116	-.3254	CP139	-.0787	CP416	-.2076		
CP117	-1.0174	CP140	-.3454	CP417	-.2391		
CP118	-.7871	CP141	-1.1097	CP418	-.2252		
CP119	-.7720	CP142	-.7954	CP419	-.1858		
CP120	-.3635	CP143	-.7952	CP420	-.1818		
CP121	-.3237	CP144	-.3666	CP421	-.1829		
CP122	-.2255	CP145	-.3131	CP422	-.2017		
CP123	.2982	CP146	-.2128	CP423	-.2039		

TEST

16

RUN 14

TP 2965.

MACH .700

Q

25092.0

P1

73135.4

ALPHA 4.03

CP101	.0252	CP124	.3951	CP401	-.1865	CP424	-.2123
CP102	.0329	CP125	.3747	CP402	-.1975		
CP103	.0444	CP126	.2097	CP403	-.2012		
CP104	.0417	CP127	-.0302	CP404	-.2031		
CP105	.0595	CP128	-.2819	CP405	-.1962		
CP106	.0489	CP129	-1.0027	CP406	-.1943		
CP107	.0622	CP130	-.8232	CP407	-.1795		
CP108	.0455	CP131	-.8784	CP408	-.1872		
CP109	.0637	CP132	-.5201	CP409	-.1963		
CP110	.0621	CP133	-.3806	CP410	-.2032		
CP111	.3003	CP134	-.2133	CP411	-.2048		
CP112	.3785	CP135	.3592	CP412	-.1911		
CP113	.3603	CP136	.3994	CP413	-.3626		
CP114	.1830	CP137	.3770	CP414	-.1945		
CP115	-.0463	CP138	.1714	CP415	-.1966		
CP116	-.2847	CP139	-.0349	CP416	-.1987		
CP117	-.9912	CP140	-.3064	CP417	-.2033		
CP118	-.8002	CP141	-1.0858	CP418	-.2133		
CP119	-.7818	CP142	-.8446	CP419	-.1873		
CP120	-.3804	CP143	-.8788	CP420	-.1846		
CP121	-.3224	CP144	-.4065	CP421	-.1904		
CP122	-.2044	CP145	-.3338	CP422	-.1934		
CP123	.3478	CP146	-.2492	CP423	-.2016		

TEST

16

RUN 14

TP 2964.

MACH .701

0

25156.1

P1

73048.0

ALPHA -.09

CP101	-.0186	CP124	.3403	CP401	-.1943	CP424	-.1971
CP102	-.0125	CP125	.3247	CP402	-.1966		
CP103	-.0063	CP126	.1657	CP403	-.2058		
CP104	-.0055	CP127	-.0703	CP404	-.1964		
CP105	.0129	CP128	-.3197	CP405	-.1894		
CP106	.0034	CP129	-1.0271	CP406	-.1790		
CP107	.0146	CP130	-.8192	CP407	-.1853		
CP108	.0003	CP131	-.8214	CP408	-.1839		
CP109	.0189	CP132	-.3795	CP409	-.2175		
CP110	.0173	CP133	-.2909	CP410	-.2274		
CP111	.2529	CP134	-.2866	CP411	-.1941		
CP112	.3226	CP135	.3081	CP412	-.1781		
CP113	.3052	CP136	.3440	CP413	-.1761		
CP114	.1312	CP137	.3224	CP414	-.1806		
CP115	-.0848	CP138	.1157	CP415	-.1943		
CP116	-.3254	CP139	-.0787	CP416	-.2076		
CP117	-1.0174	CP140	-.3454	CP417	-.2391		
CP118	-.7871	CP141	-1.1097	CP418	-.2252		
CP119	-.7720	CP142	-.7954	CP419	-.1858		
CP120	-.3635	CP143	-.7952	CP420	-.1818		
CP121	-.3237	CP144	-.3666	CP421	-.1829		
CP122	-.2255	CP145	-.3131	CP422	-.2017		
CP123	.2982	CP146	-.2128	CP423	-.2039		

TEST

16

RUN 14

TP 2966.

MACH .698

Q

24989.8

P1

73270.5

ALPHA 8.25

CP101	.0930	CP124	.4489	CP401	-.2255	CP424	-.1762
CP102	.1009	CP125	.4289	CP402	-.2288		
CP103	.1093	CP126	.2595	CP403	-.2079		
CP104	.1028	CP127	.0112	CP404	-.2069		
CP105	.1203	CP128	-.2384	CP405	-.1973		
CP106	.1067	CP129	-.9768	CP406	-.1988		
CP107	.1174	CP130	-.9788	CP407	-.2723		
CP108	.0964	CP131	-.9083	CP408	-.2508		
CP109	.1170	CP132	-.5168	CP409	-.2452		
CP110	.1106	CP133	-.5065	CP410	-.2198		
CP111	.3490	CP134	-.3475	CP411	-.2145		
CP112	.4354	CP135	.4101	CP412	-.2029		
CP113	.4099	CP136	.4522	CP413	-.3051		
CP114	.2379	CP137	.4260	CP414	-.2350		
CP115	.0044	CP138	.2266	CP415	-.2298		
CP116	-.2377	CP139	.0058	CP416	-.2228		
CP117	-.9643	CP140	-.2637	CP417	-.1967		
CP118	-.9411	CP141	-1.0616	CP418	-.2093		
CP119	-.9630	CP142	-.9090	CP419	-.3069		
CP120	-.5680	CP143	-.9489	CP420	-.2336		
CP121	-.4334	CP144	-.4701	CP421	-.2477		
CP122	-.3599	CP145	-.4331	CP422	-.2272		
CP123	.3996	CP146	-.2829	CP423	-.2012		

TEST

16

RUN 15

TP 2969.

MACH .599

Q

19996.6

P1

79607.2

ALPHA -1.98

CP101	-.0160	CP124	.2744	CP401	-.1592	CP424	-.2352
CP102	-.0146	CP125	.2419	CP402	-.1759		
CP103	-.0095	CP126	.0784	CP403	-.2193		
CP104	-.0121	CP127	-.1803	CP404	-.2557		
CP105	.0019	CP128	-.4817	CP405	-.2517		
CP106	-.0111	CP129	-1.4209	CP406	-.2107		
CP107	-.0037	CP130	-.9762	CP407	-.1830		
CP108	-.0205	CP131	-.9537	CP408	-.2026		
CP109	-.0055	CP132	-.4027	CP409	-.2279		
CP110	-.0112	CP133	-.3158	CP410	-.2660		
CP111	.2020	CP134	-.2257	CP411	-.2670		
CP112	.2604	CP135	.2485	CP412	-.2331		
CP113	.2358	CP136	.2737	CP413	-.1801		
CP114	.0631	CP137	.2440	CP414	-.2043		
CP115	-.1723	CP138	.0281	CP415	-.2245		
CP116	-.4639	CP139	-.1931	CP416	-.2478		
CP117	-1.3936	CP140	-.5131	CP417	-.2555		
CP118	-.9290	CP141	-1.5215	CP418	-.2394		
CP119	-.8629	CP142	-.9371	CP419	-.1959		
CP120	-.3861	CP143	-.8984	CP420	-.1933		
CP121	-.3498	CP144	-.3604	CP421	-.2336		
CP122	-.2164	CP145	-.3001	CP422	-.2574		
CP123	.2401	CP146	-.2152	CP423	-.2501		

TEST

16

RUN 15

TP 2970.

MACH .602

Q

20126.3

P1

79461.2

ALPHA -.02

CP101	-.0280	CP124	.3034	CP401	-.1938	CP424	-.2282
CP102	-.0206	CP125	.2733	CP402	-.2045		
CP103	-.0157	CP126	.1080	CP403	-.2417		
CP104	-.0147	CP127	-.1535	CP404	-.2817		
CP105	.0038	CP128	-.4530	CP405	-.2690		
CP106	-.0038	CP129	-1.3927	CP406	-.2195		
CP107	.0095	CP130	-.9527	CP407	-.1942		
CP108	-.0043	CP131	-.9372	CP408	-.2073		
CP109	.0116	CP132	-.3868	CP409	-.2290		
CP110	.0098	CP133	-.3103	CP410	-.2592		
CP111	.2239	CP134	-.2210	CP411	-.2662		
CP112	.2873	CP135	.2776	CP412	-.2346		
CP113	.2606	CP136	.3064	CP413	-.1892		
CP114	.0809	CP137	.2737	CP414	-.2027		
CP115	-.1584	CP138	.0623	CP415	-.2283		
CP116	-.4480	CP139	-.1639	CP416	-.2433		
CP117	-1.3755	CP140	-.4815	CP417	-.2569		
CP118	-.9252	CP141	-1.4902	CP418	-.2410		
CP119	-.8660	CP142	-.9329	CP419	-.2049		
CP120	-.4063	CP143	-.9058	CP420	-.2030		
CP121	-.3393	CP144	-.3581	CP421	-.2161		
CP122	-.2095	CP145	-.2978	CP422	-.2488		
CP123	.2656	CP146	-.1988	CP423	-.2415		

TEST

16

RUN 15

TP 2971.

MACH .600

Q

20056.9

P1

79537.7

ALPHA 4.01

CP101	.0231	CP124	.3537	CP401	-.1792	CP424	-.2392
CP102	.0299	CP125	.3228	CP402	-.2007		
CP103	.0382	CP126	.1531	CP403	-.2421		
CP104	.0380	CP127	-.1093	CP404	-.2719		
CP105	.0557	CP128	-.4128	CP405	-.2593		
CP106	.0461	CP129	-1.3719	CP406	-.2032		
CP107	.0583	CP130	-.9683	CP407	-.1697		
CP108	.0417	CP131	-.9589	CP408	-.1881		
CP109	.0604	CP132	-.4042	CP409	-.2365		
CP110	.0579	CP133	-.3260	CP410	-.2627		
CP111	.2716	CP134	-.2185	CP411	-.2604		
CP112	.3431	CP135	.3261	CP412	-.2226		
CP113	.3122	CP136	.3551	CP413	-.1803		
CP114	.1345	CP137	.3245	CP414	-.2016		
CP115	-.1156	CP138	.1104	CP415	-.2217		
CP116	-.4044	CP139	-.1237	CP416	-.2345		
CP117	-1.3567	CP140	-.4445	CP417	-.2558		
CP118	-.9458	CP141	-1.4743	CP418	-.2301		
CP119	-.8827	CP142	-.9566	CP419	-.1901		
CP120	-.3909	CP143	-.9415	CP420	-.1830		
CP121	-.3508	CP144	-.3748	CP421	-.2164		
CP122	-.3961	CP145	-.3144	CP422	-.1872		
CP123	.3141	CP146	-.2092	CP423	-.2349		

TEST

16

RUN 15

TP 2972.

MACH .600

Q

20028.1

P1

79568.9

ALPHA 8.17

CP101	.0765	CP124	.4088	CP401	-.2428	CP424	-.2387
CP102	.0869	CP125	.3741	CP402	-.2333		
CP103	.0955	CP126	.2021	CP403	-.2394		
CP104	.0955	CP127	-.0665	CP404	-.2581		
CP105	.1121	CP128	-.3652	CP405	-.2343		
CP106	.1015	CP129	-1.3464	CP406	-.1897		
CP107	.1139	CP130	-1.0708	CP407	-.1985		
CP108	.0964	CP131	-1.1942	CP408	-.2365		
CP109	.1140	CP132	-.4348	CP409	-.2363		
CP110	.1070	CP133	-.3870	CP410	-.2571		
CP111	.3222	CP134	-.3808	CP411	-.2447		
CP112	.4005	CP135	.3790	CP412	-.2187		
CP113	.3676	CP136	.4109	CP413	-.2226		
CP114	.1941	CP137	.3756	CP414	-.2168		
CP115	-.0624	CP138	.1650	CP415	-.2437		
CP116	-.3557	CP139	-.0768	CP416	-.2373		
CP117	-1.3242	CP140	-.3946	CP417	-.1798		
CP118	-1.2640	CP141	-1.4456	CP418	-.1781		
CP119	-1.2092	CP142	-1.1438	CP419	-.3914		
CP120	-.4703	CP143	-1.0285	CP420	-.2313		
CP121	-.4825	CP144	-.4061	CP421	-.2569		
CP122	-.2422	CP145	-.3785	CP422	-.2647		
CP123	.3647	CP146	-.2901	CP423	-.2148		

TEST

16

RUN 15

TP 2973.

MACH .599

Q

20021.5

P1

79615.0

ALPHA 12.35

CP101	.1385	CP124	.4675	CP401	-.2781	CP424	-.1719
CP102	.1482	CP125	.4301	CP402	-.2488		
CP103	.1559	CP126	.2651	CP403	-.2592		
CP104	.1584	CP127	-.0058	CP404	-.2330		
CP105	.1764	CP128	-.3049	CP405	-.2306		
CP106	.1653	CP129	-1.3026	CP406	-.1958		
CP107	.1783	CP130	-1.1674	CP407	-.2955		
CP108	.1589	CP131	-1.0599	CP408	-.2587		
CP109	.1753	CP132	-.4983	CP409	-.2768		
CP110	.1584	CP133	-.3976	CP410	-.2597		
CP111	.3685	CP134	-.3367	CP411	-.2500		
CP112	.4544	CP135	.4389	CP412	-.2029		
CP113	.4174	CP136	.4663	CP413	-.3183		
CP114	.2568	CP137	.4328	CP414	-.2272		
CP115	-.0025	CP138	.2269	CP415	-.2671		
CP116	-.2878	CP139	-.0147	CP416	-.2759		
CP117	-1.2788	CP140	-.3355	CP417	-.2637		
CP118	-1.1407	CP141	-1.4042	CP418	-.2162		
CP119	-1.2116	CP142	-1.2171	CP419	-.3806		
CP120	-.6311	CP143	-1.0921	CP420	-.2471		
CP121	-.6176	CP144	-.4734	CP421	-.3268		
CP122	-.3361	CP145	-.4262	CP422	-.3440		
CP123	.4233	CP146	-.2894	CP423	-.2194		

TEST

16

RUN 15

TP 2974.

MACH .599

Q

19997.4

P1

79652.5

ALPHA 16.47

CP101	.2153	CP124	.5270	CP401	-.3201	CP424	-.1308
CP102	.2273	CP125	.4838	CP402	-.2539		
CP103	.2366	CP126	.3221	CP403	-.2199		
CP104	.2357	CP127	.0553	CP404	-.2176		
CP105	.2478	CP128	-.2416	CP405	-.1898		
CP106	.2374	CP129	-1.2598	CP406	-.1648		
CP107	.2489	CP130	-1.3131	CP407	-.2888		
CP108	.2255	CP131	-1.2358	CP408	-.2433		
CP109	.2415	CP132	-.6364	CP409	-.2396		
CP110	.2184	CP133	-.5566	CP410	-.2750		
CP111	.4186	CP134	-.4187	CP411	-.1465		
CP112	.5091	CP135	.4955	CP412	-.1624		
CP113	.4641	CP136	.5252	CP413	-.2843		
CP114	.3179	CP137	.4843	CP414	-.2633		
CP115	.0571	CP138	.2882	CP415	-.2316		
CP116	-.2280	CP139	.0462	CP416	-.2595		
CP117	-1.2367	CP140	-.2708	CP417	-.1959		
CP118	-1.3077	CP141	-1.3599	CP418	-.1619		
CP119	-1.2077	CP142	-1.3959	CP419	-.3218		
CP120	-.6357	CP143	-1.3143	CP420	-.2433		
CP121	-.5998	CP144	-.6354	CP421	-.3468		
CP122	-.4185	CP145	-.5462	CP422	-.4609		
CP123	.4815	CP146	-.4409	CP423	-.1794		

TEST

16

RUN 15

TP 2975.

MACH .599

Q

19983.2

P1

79672.6

ALPHA 16.94

CP101	.2162	CP124	.5305	CP401	-.2510	CP424	-.1333
CP102	.2258	CP125	.4896	CP402	-.2524		
CP103	.2357	CP126	.3314	CP403	-.2321		
CP104	.2405	CP127	.0664	CP404	-.2193		
CP105	.2543	CP128	-.2306	CP405	-.1263		
CP106	.2434	CP129	-1.2552	CP406	-.1513		
CP107	.2538	CP130	-1.3315	CP407	-.2977		
CP108	.2302	CP131	-1.2595	CP408	-.2481		
CP109	.2509	CP132	-.6365	CP409	-.2825		
CP110	.2204	CP133	-.5394	CP410	-.2380		
CP111	.4221	CP134	-.4097	CP411	-.1599		
CP112	.5129	CP135	.5022	CP412	-.1619		
CP113	.4680	CP136	.5324	CP413	-.3056		
CP114	.3228	CP137	.4905	CP414	-.2616		
CP115	.0659	CP138	.2962	CP415	-.2340		
CP116	-.2220	CP139	.0551	CP416	-.2625		
CP117	-1.2319	CP140	-.2579	CP417	-.1768		
CP118	-1.3151	CP141	-1.3571	CP418	-.1548		
CP119	-1.2232	CP142	-1.3863	CP419	-.3226		
CP120	-.6397	CP143	-1.2957	CP420	-.2494		
CP121	-.5697	CP144	-.6254	CP421	-.3385		
CP122	-.4160	CP145	-.5666	CP422	-.4821		
CP123	.4860	CP146	-.4223	CP423	-.1884		

TEST

16

RUN 16

TP 2978.

MACH .400

Q

10200.0

P1

90939.4

ALPHA -1.91

CP101	-.0266	CP124	.2146	CP401	-.1969	CP424	-.2624
CP102	-.0259	CP125	.1646	CP402	-.2105		
CP103	-.0204	CP126	-.0064	CP403	-.2589		
CP104	-.0232	CP127	-.3000	CP404	-.2987		
CP105	-.0094	CP128	-.6385	CP405	-.2865		
CP106	-.0205	CP129	-1.7509	CP406	-.2268		
CP107	-.0117	CP130	-1.2477	CP407	-.2172		
CP108	-.0250	CP131	-.8316	CP408	-.2206		
CP109	-.0114	CP132	-.4609	CP409	-.2655		
CP110	-.0184	CP133	-.3540	CP410	-.3039		
CP111	.1642	CP134	-.2359	CP411	-.2958		
CP112	.2083	CP135	.2015	CP412	-.2512		
CP113	.1587	CP136	.2161	CP413	-.2141		
CP114	-.0169	CP137	.1676	CP414	-.2367		
CP115	-.2999	CP138	-.0512	CP415	-.2702		
CP116	-.6817	CP139	-.3200	CP416	-.2840		
CP117	-1.7490	CP140	-.7158	CP417	-.3023		
CP118	-1.2385	CP141	-1.7452	CP418	-.2696		
CP119	-.8092	CP142	-1.1836	CP419	-.2184		
CP120	-.4543	CP143	-.7955	CP420	-.2234		
CP121	-.3883	CP144	-.4296	CP421	-.2562		
CP122	-.2392	CP145	-.3408	CP422	-.2923		
CP123	.1925	CP146	-.2176	CP423	-.2855		

TEST

16

RUN 16

TP 2979.

MACH .401

Q

10230.4

P1

90902.9

ALPHA -.00

CP101	-.0166	CP124	.2389	CP401	-.2371	CP424	-.2628
CP102	-.0124	CP125	.1872	CP402	-.2131		
CP103	-.0056	CP126	.0152	CP403	-.2413		
CP104	-.0070	CP127	-.2855	CP404	-.2453		
CP105	.0074	CP128	-.6827	CP405	-.2825		
CP106	-.0022	CP129	-1.8058	CP406	-.2195		
CP107	.0072	CP130	-1.5501	CP407	-.2195		
CP108	-.0065	CP131	-.8420	CP408	-.2369		
CP109	.0097	CP132	-.8153	CP409	-.2687		
CP110	.0050	CP133	-.3869	CP410	-.3025		
CP111	.1863	CP134	-.2397	CP411	-.2985		
CP112	.2284	CP135	.2187	CP412	-.2476		
CP113	.1828	CP136	.2295	CP413	-.2102		
CP114	-.0005	CP137	.1757	CP414	-.2376		
CP115	-.2860	CP138	-.0489	CP415	-.2781		
CP116	-.6651	CP139	-.3539	CP416	-.2844		
CP117	-1.7849	CP140	-.8253	CP417	-.3006		
CP118	-1.2547	CP141	-2.2538	CP418	-.2674		
CP119	-.8312	CP142	-1.5803	CP419	-.2263		
CP120	-.4635	CP143	-1.0818	CP420	-.2229		
CP121	-.3746	CP144	-.6966	CP421	-.2450		
CP122	-.2309	CP145	-.6053	CP422	-.2886		
CP123	.2148	CP146	-.2945	CP423	-.2933		

TEST

16

RUN 16

TP 2980.

MACH .400

Q

10171.8

P1

90954.7

ALPHA 3.97

CP101	.0237	CP124	.2815	CP401	-.2127	CP424	-.1774
CP102	.0299	CP125	.2194	CP402	-.2158		
CP103	.0360	CP126	.0407	CP403	-.2376		
CP104	.0335	CP127	-.3106	CP404	-.2558		
CP105	.0490	CP128	-.8101	CP405	-.2330		
CP106	.0399	CP129	-2.4642	CP406	-.2073		
CP107	.0510	CP130	-1.9262	CP407	-.5766		
CP108	.0357	CP131	-1.2893	CP408	-.3085		
CP109	.0486	CP132	-.8259	CP409	-.2368		
CP110	.0464	CP133	-.7135	CP410	-.2590		
CP111	.2240	CP134	-.5597	CP411	-.2378		
CP112	.2755	CP135	.2666	CP412	-.2102		
CP113	.2208	CP136	.2807	CP413	-.4909		
CP114	.0303	CP137	.2233	CP414	-.4346		
CP115	-.2978	CP138	.0018	CP415	-.2241		
CP116	-.7636	CP139	-.3140	CP416	-.2382		
CP117	-2.3289	CP140	-.7924	CP417	-.2348		
CP118	-1.7728	CP141	-2.2500	CP418	-.2052		
CP119	-1.1899	CP142	-1.5653	CP419	-.4359		
CP120	-.7587	CP143	-1.0699	CP420	-.3603		
CP121	-.6861	CP144	-.6819	CP421	-.2543		
CP122	-.5032	CP145	-.6028	CP422	-.2397		
CP123	.2589	CP146	-.4416	CP423	-.2194		

TEST

16

RUN 16

TP 2981.

MACH .401

Q

10221.1

P1

90398.6

ALPHA 8.05

CP101	.0786	CP124	.3345	CP401	-.2161	CP424	-.1065
CP102	.0816	CP125	.2683	CP402	-.2644		
CP103	.0887	CP126	.0887	CP403	-.2841		
CP104	.0856	CP127	-.2681	CP404	-.2421		
CP105	.0955	CP128	-.7717	CP405	-.1343		
CP106	.0868	CP129	-2.4783	CP406	-.1253		
CP107	.0963	CP130	-1.9769	CP407	-.5414		
CP108	.0784	CP131	-1.3063	CP408	-.2674		
CP109	.0927	CP132	-.8476	CP409	-.2974		
CP110	.0834	CP133	-.7356	CP410	-.2442		
CP111	.2635	CP134	-.5680	CP411	-.1362		
CP112	.3257	CP135	.3187	CP412	-.1281		
CP113	.2660	CP136	.3341	CP413	-.5907		
CP114	.0800	CP137	.2755	CP414	-.3714		
CP115	-.2602	CP138	.0581	CP415	-.2352		
CP116	-.7435	CP139	-.2551	CP416	-.2347		
CP117	-2.4461	CP140	-.7130	CP417	-.1620		
CP118	-1.9162	CP141	-2.0454	CP418	-.1254		
CP119	-1.2734	CP142	-1.4250	CP419	-.4985		
CP120	-.8296	CP143	-.9589	CP420	-.3586		
CP121	-.7660	CP144	-.5873	CP421	-.3537		
CP122	-.5651	CP145	-.5262	CP422	-.2846		
CP123	.3066	CP146	-.3838	CP423	-.1643		

TEST

16

RUN 16

TP 2982.

MACH .400

Q

10190.4

P1

90951.5

ALPHA 12.12

CP101	.1371	CP124	.3845	CP401	-.2432	CP424	-.1106
CP102	.1415	CP125	.3212	CP402	-.2843		
CP103	.1491	CP126	.1442	CP403	-.2862		
CP104	.1447	CP127	-.2106	CP404	-.2231		
CP105	.1620	CP128	-.7145	CP405	-.1306		
CP106	.1526	CP129	-2.4668	CP406	-.1157		
CP107	.1596	CP130	-1.9748	CP407	-.5402		
CP108	.1439	CP131	-1.2761	CP408	-.2704		
CP109	.1612	CP132	-.8381	CP409	-.2875		
CP110	.1410	CP133	-.7278	CP410	-.2203		
CP111	.3190	CP134	-.5627	CP411	-.1201		
CP112	.3852	CP135	.3778	CP412	-.1205		
CP113	.3221	CP136	.3929	CP413	-.6017		
CP114	.1440	CP137	.3326	CP414	-.3689		
CP115	-.2015	CP138	.1184	CP415	-.2366		
CP116	-.6894	CP139	-.1990	CP416	-.2595		
CP117	-2.4432	CP140	-.6640	CP417	-.1740		
CP118	-1.9588	CP141	-2.1068	CP418	-.1336		
CP119	-1.2646	CP142	-1.4748	CP419	-.5132		
CP120	-.8466	CP143	-.9730	CP420	-.3749		
CP121	-.7832	CP144	-.6214	CP421	-.3824		
CP122	-.5795	CP145	-.5468	CP422	-.4611		
CP123	.3599	CP146	-.4029	CP423	-.1943		

TEST

16

RUN 16

TP 2983.

MACH .400

Q

10195.6

P1

90953.0

ALPHA 16.20

CP101	.2017	CP124	.4531	CP401	-.2404	CP424	-.0916
CP102	.2106	CP125	.3841	CP402	-.2816		
CP103	.2182	CP126	.2088	CP403	-.2816		
CP104	.2183	CP127	-.1328	CP404	-.2167		
CP105	.2313	CP128	-.6290	CP405	-.1327		
CP106	.2199	CP129	-2.3590	CP406	-.1003		
CP107	.2282	CP130	-1.9157	CP407	-.4942		
CP108	.2066	CP131	-1.2157	CP408	-.2746		
CP109	.2184	CP132	-.8262	CP409	-.2944		
CP110	.1916	CP133	-.7194	CP410	-.2256		
CP111	.3676	CP134	-.5605	CP411	-.1409		
CP112	.4438	CP135	.4351	CP412	-.1062		
CP113	.3763	CP136	.4511	CP413	-.6052		
CP114	.2125	CP137	.3921	CP414	-.3421		
CP115	-.1358	CP138	.1868	CP415	-.2329		
CP116	-.6205	CP139	-.1245	CP416	-.2937		
CP117	-2.3983	CP140	-.5847	CP417	-.1913		
CP118	-1.9534	CP141	-2.0134	CP418	-.1284		
CP119	-1.2201	CP142	-1.4130	CP419	-.5127		
CP120	-.8330	CP143	-.8959	CP420	-.3554		
CP121	-.7716	CP144	-.5766	CP421	-.4011		
CP122	-.5652	CP145	-.5196	CP422	-.6506		
CP123	.4219	CP146	-.3780	CP423	-.2125		

TEST

16

RUN 16

TP 2984.

MACH .400

Q

10195.1

P1

90969.4

ALPHA 20.27

CP101	.2806	CP124	.5169	CP401	-.2189	CP424	-.0812
CP102	.2896	CP125	.4435	CP402	-.2654		
CP103	.2995	CP126	.2791	CP403	-.2632		
CP104	.3005	CP127	-.0606	CP404	-.1975		
CP105	.3068	CP128	-.5455	CP405	-.1153		
CP106	.2996	CP129	-2.2888	CP406	-.0648		
CP107	.3069	CP130	-1.8445	CP407	-.4191		
CP108	.2776	CP131	-1.1325	CP408	-.2640		
CP109	.2917	CP132	-.7784	CP409	-.2796		
CP110	.2560	CP133	-.6861	CP410	-.2037		
CP111	.4240	CP134	-.5295	CP411	-.1162		
CP112	.5043	CP135	.4987	CP412	-.0803		
CP113	.4326	CP136	.5129	CP413	-.5843		
CP114	.2863	CP137	.4521	CP414	-.2832		
CP115	-.0633	CP138	.2607	CP415	-.2150		
CP116	-.5539	CP139	-.0409	CP416	-.3088		
CP117	-2.3120	CP140	-.4807	CP417	-.1867		
CP118	-1.9082	CP141	-1.8388	CP418	-.1194		
CP119	-1.1468	CP142	-1.2851	CP419	-.4963		
CP120	-.7966	CP143	-.7942	CP420	-.3460		
CP121	-.7449	CP144	-.4883	CP421	-.5109		
CP122	-.5459	CP145	-.4628	CP422	-.7506		
CP123	.4882	CP146	-.3456	CP423	-.2076		

TEST

16

RUN 17

TP 2988.

MACH .201

Q

2796.9

P1

98771.9

ALPHA -1.88

CP101	-.0304	CP124	.1948	CP401	-.2043	CP424	-.2718
CP102	-.0290	CP125	.1392	CP402	-.2158		
CP103	-.0250	CP126	-.0218	CP403	-.2618		
CP104	-.0234	CP127	-.2921	CP404	-.3015		
CP105	-.0130	CP128	-.6479	CP405	-.2949		
CP106	-.0221	CP129	-1.4423	CP406	-.2234		
CP107	-.0155	CP130	-1.2280	CP407	-.2152		
CP108	-.0286	CP131	-.7906	CP408	-.2219		
CP109	-.0157	CP132	-.4581	CP409	-.2673		
CP110	-.0219	CP133	-.3499	CP410	-.3106		
CP111	.1518	CP134	-.2346	CP411	-.3087		
CP112	.1895	CP135	.1843	CP412	-.2575		
CP113	.1345	CP136	.1950	CP413	-.2305		
CP114	-.0331	CP137	.1372	CP414	-.2233		
CP115	-.2907	CP138	-.0465	CP415	-.2672		
CP116	-.6327	CP139	-.3132	CP416	-.2901		
CP117	-1.4621	CP140	-.6711	CP417	-.3213		
CP118	-1.2195	CP141	-1.4356	CP418	-.2715		
CP119	-.7796	CP142	-1.1350	CP419	-.2276		
CP120	-.4330	CP143	-.7857	CP420	-.2109		
CP121	-.3652	CP144	-.4125	CP421	-.2530		
CP122	-.2308	CP145	-.3228	CP422	-.2954		
CP123	.1775	CP146	-.2169	CP423	-.2969		

TEST

16

RUN 17

TP 2989.

MACH .201

Q

- 2786.0

P1

98782.2

ALPHA .03

CP101	-.0169	CP124	.2141	CP401	-.1993	CP424	-.2793
CP102	-.0104	CP125	.1583	CP402	-.2323		
CP103	-.0036	CP126	-.0075	CP403	-.2562		
CP104	-.0016	CP127	-.2838	CP404	-.2989		
CP105	.0106	CP128	-.6491	CP405	-.2835		
CP106	-.0014	CP129	-1.4693	CP406	-.2165		
CP107	.0063	CP130	-1.2663	CP407	-.2224		
CP108	-.0076	CP131	-.8301	CP408	-.2388		
CP109	.0051	CP132	-.4686	CP409	-.2794		
CP110	-.0023	CP133	-.3478	CP410	-.3090		
CP111	.1697	CP134	-.2456	CP411	-.3136		
CP112	.2093	CP135	.2047	CP412	-.2521		
CP113	.1584	CP136	.2164	CP413	-.2107		
CP114	-.0191	CP137	.1562	CP414	-.2396		
CP115	-.2750	CP138	-.0229	CP415	-.2690		
CP116	-.6116	CP139	-.2976	CP416	-.2958		
CP117	-1.4607	CP140	-.6502	CP417	-.3187		
CP118	-1.2240	CP141	-1.4497	CP418	-.2705		
CP119	-.7957	CP142	-1.1549	CP419	-.2371		
CP120	-.4585	CP143	-.8165	CP420	-.2292		
CP121	-.3774	CP144	-.4341	CP421	-.2578		
CP122	-.2585	CP145	-.3240	CP422	-.3200		
CP123	.1996	CP146	-.2322	CP423	-.2987		

TEST

16

RUN 17

TP 2990.

MACH .201

Q

2797.5

P1

98772.0

ALPHA 3.94

CP101	.0197	CP124	.2514	CP401	-.2405	CP424	-.1795
CP102	.0229	CP125	.1774	CP402	-.2486		
CP103	.0301	CP126	-.0077	CP403	-.2928		
CP104	.0307	CP127	-.3675	CP404	-.2971		
CP105	.0423	CP128	-.8867	CP405	-.2679		
CP106	.0343	CP129	-2.1807	CP406	-.2079		
CP107	.0431	CP130	-1.9677	CP407	-.6549		
CP108	.0297	CP131	-1.2634	CP408	-.4176		
CP109	.0422	CP132	-.8859	CP409	-.2867		
CP110	.0354	CP133	-.7502	CP410	-.3000		
CP111	.2041	CP134	-.5895	CP411	-.2671		
CP112	.2473	CP135	.2463	CP412	-.2062		
CP113	.1769	CP136	.2531	CP413	-.5481		
CP114	-.0151	CP137	.1842	CP414	-.4915		
CP115	-.2755	CP138	-.0224	CP415	-.3240		
CP116	-.8346	CP139	-.3764	CP416	-.2868		
CP117	-2.0757	CP140	-.8575	CP417	-.2588		
CP118	-1.8780	CP141	-2.0520	CP418	-.2046		
CP119	-1.2092	CP142	-1.8012	CP419	-.4934		
CP120	-.8279	CP143	-1.2111	CP420	-.3978		
CP121	-.7375	CP144	-.7611	CP421	-.3155		
CP122	-.5475	CP145	-.6861	CP422	-.2851		
CP123	.2365	CP146	-.5144	CP423	-.2574		

TEST

16

RUN 17

TP 2591.

MACH .200

Q

2770.2

P1

98804.1

ALPHA 7.97

CP101	.0689	CP124	.3026	CP401	-.2743	CP424	-.1237
CP102	.0756	CP125	.2303	CP402	-.2965		
CP103	.0788	CP126	.0445	CP403	-.3282		
CP104	.0801	CP127	-.3076	CP404	-.3229		
CP105	.0942	CP128	-.7975	CP405	-.2394		
CP106	.0839	CP129	-2.0416	CP406	-.1560		
CP107	.0920	CP130	-1.8837	CP407	-.5148		
CP108	.0757	CP131	-1.1399	CP408	-.4261		
CP109	.0911	CP132	-.8112	CP409	-.3123		
CP110	.0809	CP133	-.6894	CP410	-.3086		
CP111	.2487	CP134	-.5210	CP411	-.2242		
CP112	.2984	CP135	.2917	CP412	-.1548		
CP113	.2240	CP136	.3007	CP413	-.5735		
CP114	.0354	CP137	.2365	CP414	-.4481		
CP115	-.3077	CP138	.0357	CP415	-.2250		
CP116	-.7946	CP139	-.3014	CP416	-.2785		
CP117	-2.0877	CP140	-.7388	CP417	-.1638		
CP118	-1.9073	CP141	-1.8158	CP418	-.1178		
CP119	-1.2145	CP142	-1.5958	CP419	-.5397		
CP120	-.8329	CP143	-1.0827	CP420	-.3659		
CP121	-.7503	CP144	-.6522	CP421	-.3631		
CP122	-.5538	CP145	-.5874	CP422	-.3984		
CP123	.2840	CP146	-.4317	CP423	-.2323		

TEST

16

RUN 17

TP 2992.

MACH .201

Q

. 2783.3

PI

98793.0

ALPHA 12.04

CP101	.1373	CP124	.3611	CP401	-.3395	CP424	-.0924
CP102	.1449	CP125	.2835	CP402	-.2568		
CP103	.1445	CP126	.1027	CP403	-.3151		
CP104	.1436	CP127	-.2507	CP404	-.2502		
CP105	.1526	CP128	-.7440	CP405	-.1358		
CP106	.1386	CP129	-2.0121	CP406	-.0935		
CP107	.1430	CP130	-1.8771	CP407	-.5331		
CP108	.1267	CP131	-1.1760	CP408	-.2772		
CP109	.1431	CP132	-.7991	CP409	-.3202		
CP110	.1268	CP133	-.6835	CP410	-.2510		
CP111	.2919	CP134	-.5239	CP411	-.1455		
CP112	.3569	CP135	.3481	CP412	-.0913		
CP113	.2613	CP136	.3563	CP413	-.6325		
CP114	.0967	CP137	.2923	CP414	-.3253		
CP115	-.2552	CP138	.0976	CP415	-.2402		
CP116	-.7455	CP139	-.2276	CP416	-.2858		
CP117	-2.0701	CP140	-.6764	CP417	-.1687		
CP118	-1.9176	CP141	-1.7285	CP418	-.1254		
CP119	-1.1979	CP142	-1.5666	CP419	-.5390		
CP120	-.8372	CP143	-1.0392	CP420	-.3584		
CP121	-.7560	CP144	-.6075	CP421	-.3685		
CP122	-.5617	CP145	-.5624	CP422	-.5713		
CP123	.3411	CP146	-.3946	CP423	-.2206		

TEST

16

RUN 17

TP 2993.

MACH .200

Q

2760.8

P1

98815.9

ALPHA 16.03

CP101	.1915	CP124	.4213	CP401	-.2969	CP424	-.0652
CP102	.1967	CP125	.3451	CP402	-.2727		
CP103	.2039	CP126	.1724	CP403	-.3198		
CP104	.2027	CP127	-.1741	CP404	-.2502		
CP105	.2199	CP128	-.6491	CP405	-.1283		
CP106	.2094	CP129	-1.9319	CP406	-.0689		
CP107	.2172	CP130	-1.8276	CP407	-.4205		
CP108	.2016	CP131	-1.1164	CP408	-.2596		
CP109	.2116	CP132	-.7530	CP409	-.3138		
CP110	.1894	CP133	-.6444	CP410	-.2306		
CP111	.3523	CP134	-.4692	CP411	-.1177		
CP112	.4170	CP135	-.4081	CP412	-.0664		
CP113	.3368	CP136	.4181	CP413	-.5987		
CP114	.1738	CP137	.3496	CP414	-.2625		
CP115	-.1638	CP138	.1640	CP415	-.2398		
CP116	-.6756	CP139	-.1591	CP416	-.2962		
CP117	-2.0054	CP140	-.6021	CP417	-.1702		
CP118	-1.9008	CP141	-1.6966	CP418	-.1210		
CP119	-1.1721	CP142	-1.5265	CP419	-.5319		
CP120	-.7995	CP143	-.9683	CP420	-.3094		
CP121	-.7316	CP144	-.5762	CP421	-.3853		
CP122	-.5331	CP145	-.5037	CP422	-.7094		
CP123	.3998	CP146	-.3775	CP423	-.2028		

TEST

16

RUN 17

TP 2994.

MACH .200

Q

2755.0

P1

98820.3

ALPHA 20.05

CP101	.2745	CP124	.4797	CP401	-.2626	CP424	-.0721
CP102	.2858	CP125	.4055	CP402	-.2367		
CP103	.2863	CP126	.2404	CP403	-.2770		
CP104	.2899	CP127	-.0899	CP404	-.1845		
CP105	.2969	CP128	-.5656	CP405	-.0852		
CP106	.2861	CP129	-1.8367	CP406	-.0355		
CP107	.2945	CP130	-1.7874	CP407	-.4042		
CP108	.2658	CP131	-1.0761	CP408	-.2531		
CP109	.2754	CP132	-.7289	CP409	-.2962		
CP110	.2408	CP133	-.6319	CP410	-.1994		
CP111	.3953	CP134	-.4551	CP411	-.1031		
CP112	.4676	CP135	.4735	CP412	-.0675		
CP113	.3861	CP136	.4814	CP413	-.5900		
CP114	.2405	CP137	.4097	CP414	-.2464		
CP115	-.1076	CP138	.2359	CP415	-.2185		
CP116	-.5901	CP139	-.0785	CP416	-.3262		
CP117	-1.8808	CP140	-.5072	CP417	-.1700		
CP118	-1.3175	CP141	-1.6017	CP418	-.1261		
CP119	-1.1130	CP142	-1.5117	CP419	-.5287		
CP120	-.7651	CP143	-.9521	CP420	-.3079		
CP121	-.7071	CP144	-.5663	CP421	-.4593		
CP122	-.5150	CP145	-.4952	CP422	-.9570		
CP123	.4583	CP146	-.3466	CP423	-.2059		

TEST

16

RUN 18

TP 3006.

MACH .400

Q

10257.9

P1

91716.9

ALPHA -1.91

CP101	-.0128	CP124	.2037	CP201	-.4786	CP224	-.1543
CP102	.0053	CP125	.1389	CP202	-.2996	CP225	-.1433
CP103	.0175	CP126	-.0416	CP203	-.3368	CP226	-.1389
CP104	.0399	CP127	-.3981	CP204	-.2623	CP227	-.1167
CP105	.0903	CP128	-.9140	CP205	-.1823	CP228	-.5116
CP106	.0445	CP129	-2.6854	CP206	-.1466	CP229	-.4458
CP107	.0889	CP130	-2.0617	CP207	-.1308	CP230	-.2960
CP108	.0372	CP131	-1.3916	CP208	-.1273	CP231	-.2677
CP109	.0828	CP132	-.9064	CP209	-.1118	CP232	-.2333
CP110	.0519	CP133	-.7831	CP210	-.6440	CP233	-.1960
CP111	.1653	CP134	-.6226	CP211	-.4316	CP234	-.1786
CP112	.1929	CP135	.1949	CP212	-.2905	CP235	-.1470
CP113	.1373	CP136	.2010	CP213	-.2459	CP236	-.1160
CP114	-.0484	CP137	.1419	CP214	-.1778		
CP115	-.3844	CP138	-.0893	CP215	-.1424		
CP116	-.8817	CP139	-.4052	CP216	-.1307		
CP117	-2.5740	CP140	-.8661	CP217	-.1264		
CP118	-1.9086	CP141	-2.2458	CP218	-.1153		
CP119	-1.2963	CP142	-1.4428	CP219	-.5685		
CP120	-.8315	CP143	-1.0183	CP220	-.5172		
CP121	-.7460	CP144	-.7060	CP221	-.2786		
CP122	-.5792	CP145	-.6425	CP222	-.2176		
CP123	.1913	CP146	-.4921	CP223	-.1802		

TEST

16

RUN 18

TP 3007.

MACH .399

Q

. 10221.3

PI

91749.5

ALPHA .01

CP101	.0030	CP124	.2260	CP201	-.3903	CP224	-.1466
CP102	.0243	CP125	.1635	CP202	-.2945	CP225	-.1340
CP103	.0393	CP126	-.0156	CP203	-.3338	CP226	-.1245
CP104	.0596	CP127	-.3780	CP204	-.2690	CP227	-.1071
CP105	.1122	CP128	-.8958	CP205	-.1772	CP228	-.5135
CP106	.0649	CP129	-2.6605	CP206	-.1349	CP229	-.4266
CP107	.1105	CP130	-2.0635	CP207	-.1200	CP230	-.2827
CP108	.0574	CP131	-1.3797	CP208	-.1154	CP231	-.2614
CP109	.1045	CP132	-.9056	CP209	-.0988	CP232	-.2283
CP110	.0731	CP133	-.7766	CP210	-.6434	CP233	-.1980
CP111	.1904	CP134	-.6204	CP211	-.3951	CP234	-.1715
CP112	.2225	CP135	.2189	CP212	-.2911	CP235	-.1441
CP113	.1629	CP136	.2259	CP213	-.2482	CP236	-.1134
CP114	-.0270	CP137	.1671	CP214	-.1717		
CP115	-.3644	CP138	-.0636	CP215	-.1365		
CP116	-.8663	CP139	-.3755	CP216	-.1235		
CP117	-2.5740	CP140	-.8599	CP217	-.1160		
CP118	-1.9226	CP141	-2.2796	CP218	-.0993		
CP119	-1.2988	CP142	-1.6589	CP219	-.5742		
CP120	-.8391	CP143	-1.1437	CP220	-.5014		
CP121	-.7707	CP144	-.7412	CP221	-.2576		
CP122	-.5789	CP145	-.6100	CP222	-.2133		
CP123	.2156	CP146	-.4648	CP223	-.1755		

TEST

16

RUN 18

TP 3008.

MACH .400

Q

10282.8

P1

91690.9

ALPHA 3.97

CP101	.0444	CP124	.2816	CP201	-.3608	CP224	-.1355
CP102	.0649	CP125	.2188	CP202	-.2951	CP225	-.1164
CP103	.0803	CP126	.0328	CP203	-.3334	CP226	-.1044
CP104	.1026	CP127	-.3271	CP204	-.2620	CP227	-.0827
CP105	.1573	CP128	-.8446	CP205	-.1660	CP228	-.5008
CP106	.1060	CP129	-2.6442	CP206	-.1293	CP229	-.4048
CP107	.1543	CP130	-2.0575	CP207	-.1079	CP230	-.2669
CP108	.0950	CP131	-1.3577	CP208	-.0963	CP231	-.2460
CP109	.1447	CP132	-.8923	CP209	-.0800	CP232	-.2114
CP110	.1097	CP133	-.7780	CP210	-.6485	CP233	-.1851
CP111	.2365	CP134	-.6153	CP211	-.3155	CP234	-.1727
CP112	.2765	CP135	.2735	CP212	-.2920	CP235	-.1435
CP113	.2186	CP136	.2609	CP213	-.2460	CP236	-.1113
CP114	.0236	CP137	.2252	CP214	-.1661		
CP115	-.3187	CP138	-.0048	CP215	-.1275		
CP116	-.8202	CP139	-.3251	CP216	-.1035		
CP117	-2.5578	CP140	-.8111	CP217	-.0965		
CP118	-1.9451	CP141	-2.2219	CP218	-.0757		
CP119	-1.2933	CP142	-1.5260	CP219	-.5760		
CP120	-.8483	CP143	-1.0966	CP220	-.4789		
CP121	-.7769	CP144	-.6406	CP221	-.2367		
CP122	-.5814	CP145	-.5924	CP222	-.2077		
CP123	.2652	CP146	-.4240	CP223	-.1641		

TEST

16

RUN 18

TP 3009.

MACH .400

Q

.10262.6

P1

91709.9

ALPHA 8.04

CP101	.0917	CP124	.3405	CP201	-.2873	CP224	-.1335
CP102	.1133	CP125	.2746	CP202	-.2967	CP225	-.1001
CP103	.1313	CP126	.0924	CP203	-.3250	CP226	-.0731
CP104	.1539	CP127	-.2701	CP204	-.2555	CP227	-.0547
CP105	.2100	CP128	-.7547	CP205	-.1649	CP228	-.5024
CP106	.1578	CP129	-2.6129	CP206	-.1189	CP229	-.4014
CP107	.2033	CP130	-2.0539	CP207	-.0933	CP230	-.2554
CP108	.1467	CP131	-1.3216	CP208	-.0726	CP231	-.3099
CP109	.1923	CP132	-.8832	CP209	-.0576	CP232	-.2183
CP110	.1505	CP133	-.7716	CP210	-.6535	CP233	-.1800
CP111	.2870	CP134	-.6083	CP211	-.3306	CP234	-.1758
CP112	.3397	CP135	.3298	CP212	-.2925	CP235	-.1531
CP113	.2754	CP136	.3387	CP213	-.2329	CP236	-.1195
CP114	.0853	CP137	.2803	CP214	-.1576		
CP115	-.2598	CP138	.0555	CP215	-.1121		
CP116	-.7674	CP139	-.2656	CP216	-.0941		
CP117	-2.5499	CP140	-.7456	CP217	-.0777		
CP118	-1.9635	CP141	-2.2715	CP218	-.0608		
CP119	-1.2700	CP142	-1.5408	CP219	-.5782		
CP120	-.8419	CP143	-1.0502	CP220	-.4794		
CP121	-.7784	CP144	-.6936	CP221	-.2227		
CP122	-.5769	CP145	-.5980	CP222	-.1938		
CP123	.3245	CP146	-.4669	CP223	-.1593		

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

TEST

16

RUN 18

TP 3010.

MACH .400

Q

.10277.5

P1

91712.6

ALPHA 12.09

CP101	.1582	CP124	.4057	CP201	-.2019	CP224	-.1148
CP102	.1768	CP125	.3324	CP202	-.2831	CP225	-.1018
CP103	.1946	CP126	.1559	CP203	-.2960	CP226	-.0596
CP104	.2162	CP127	-.1935	CP204	-.2208	CP227	-.0431
CP105	.2729	CP128	-.7029	CP205	-.1376	CP228	-.4742
CP106	.2195	CP129	-2.5142	CP206	-.0912	CP229	-.3622
CP107	.2645	CP130	-1.9868	CP207	-.0654	CP230	-.2290
CP108	.2022	CP131	-1.2549	CP208	-.0476	CP231	-.2640
CP109	.2507	CP132	-.8404	CP209	-.0264	CP232	-.4714
CP110	.1960	CP133	-.7371	CP210	-.6202	CP233	-.1554
CP111	.3327	CP134	-.5792	CP211	-.2749	CP234	-.1367
CP112	.4031	CP135	.3887	CP212	-.2594	CP235	-.1308
CP113	.3324	CP136	.4024	CP213	-.2041	CP236	-.1203
CP114	.1592	CP137	.3390	CP214	-.1300		
CP115	-.1852	CP138	.1232	CP215	-.0799		
CP116	-.6958	CP139	-.1988	CP216	-.0673		
CP117	-2.4964	CP140	-.6829	CP217	-.0567		
CP118	-1.9272	CP141	-2.2291	CP218	-.0373		
CP119	-1.1938	CP142	-1.5494	CP219	-.5629		
CP120	-.8141	CP143	-.9896	CP220	-.4408		
CP121	-.7495	CP144	-.6637	CP221	-.1877		
CP122	-.5548	CP145	-.5957	CP222	-.1746		
CP123	.3796	CP146	-.4245	CP223	-.1366		

TEST

16

RUN 18

TP 3011.

MACH .400

Q

10288.6

P1

91702.2

ALPHA 16.17

CP101	.2241	CP124	.4691	CP201	-.1363	CP224	-.0756
CP102	.2451	CP125	.4036	CP202	-.2622	CP225	-.0618
CP103	.2644	CP126	.2330	CP203	-.2613	CP226	-.0286
CP104	.2867	CP127	-.1112	CP204	-.1835	CP227	-.0209
CP105	.3387	CP128	-.6104	CP205	-.1055	CP228	-.4272
CP106	.2852	CP129	-2.3634	CP206	-.0545	CP229	-.3217
CP107	.3291	CP130	-1.8491	CP207	-.0289	CP230	-.2060
CP108	.2649	CP131	-1.1262	CP208	-.0103	CP231	-.2576
CP109	.3126	CP132	-.7747	CP209	-.0015	CP232	-.5871
CP110	.2424	CP133	-.6775	CP210	-.5217	CP233	-.1689
CP111	.3836	CP134	-.5340	CP211	-.2353	CP234	-.0998
CP112	.4658	CP135	.4557	CP212	-.2392	CP235	-.0967
CP113	.3840	CP136	.4662	CP213	-.1703	CP236	-.1068
CP114	.2388	CP137	.4075	CP214	-.0935		
CP115	-.1186	CP138	.2068	CP215	-.0507		
CP116	-.6086	CP139	-.1041	CP216	-.0294		
CP117	-2.4053	CP140	-.5686	CP217	-.0186		
CP118	-1.8726	CP141	-1.9733	CP218	-.0193		
CP119	-1.1284	CP142	-1.3357	CP219	-.5414		
CP120	-.7815	CP143	-.8639	CP220	-.3661		
CP121	-.7223	CP144	-.5289	CP221	-.1630		
CP122	-.5220	CP145	-.4848	CP222	-.1485		
CP123	.4478	CP146	-.3659	CP223	-.0954		

TEST

16

RUN 18

TP 3012.

MACH .400

Q

10282.5

P1

91724.2

ALPHA 20.21

CP101	.2957	CP124	.5390	CP201	-.0734	CP224	-.0551
CP102	.3175	CP125	.4690	CP202	-.2208	CP225	-.0105
CP103	.3359	CP126	.3071	CP203	-.2193	CP226	.0069
CP104	.3627	CP127	-.0233	CP204	-.1297	CP227	-.0026
CP105	.4126	CP128	-.4999	CP205	-.0461	CP228	-.3712
CP106	.3643	CP129	-2.1557	CP206	.0043	CP229	-.2693
CP107	.4060	CP130	-1.6677	CP207	.0231	CP230	-.1879
CP108	.3387	CP131	-.9915	CP208	.0327	CP231	-.2703
CP109	.3639	CP132	-.6774	CP209	.0261	CP232	-.3103
CP110	.2957	CP133	-.5898	CP210	-.3966	CP233	-.0978
CP111	.4367	CP134	-.4634	CP211	-.1909	CP234	-.0668
CP112	.5265	CP135	.5246	CP212	-.2033	CP235	-.0718
CP113	.4366	CP136	.5365	CP213	-.1321	CP236	-.0777
CP114	.3062	CP137	.4756	CP214	-.0531		
CP115	-.0597	CP138	.2890	CP215	-.0158		
CP116	-.5451	CP139	-.0045	CP216	.0042		
CP117	-2.2986	CP140	-.4329	CP217	.0097		
CP118	-1.7680	CP141	-1.7344	CP218	-.0025		
CP119	-1.0412	CP142	-1.1723	CP219	-.5104		
CP120	-.7275	CP143	-.6969	CP220	-.2828		
CP121	-.6678	CP144	-.4102	CP221	-.1474		
CP122	-.4734	CP145	-.3743	CP222	-.1338		
CP123	.5080	CP146	-.2766	CP223	-.0683		

TEST

16

RUN 19

TP 3015.

MACH .600

Q

20213.7

P1

80237.1

ALPHA -1.92

CP101	-.0008	CP124	.2770	CP201	-.2741	CP224	-.2348
CP102	.0217	CP125	.2484	CP202	-.2877	CP225	-.2210
CP103	.0423	CP126	.0795	CP203	-.2979	CP226	-.2006
CP104	.0696	CP127	-.1805	CP204	-.2851	CP227	-.1631
CP105	.1325	CP128	-.4813	CP205	-.2577	CP228	-.3136
CP106	.0744	CP129	-1.4215	CP206	-.2456	CP229	-.2744
CP107	.1262	CP130	-1.0571	CP207	-.2258	CP230	-.2829
CP108	.0636	CP131	-1.0561	CP208	-.2095	CP231	-.2799
CP109	.1209	CP132	-.5168	CP209	-.1716	CP232	-.2581
CP110	.0861	CP133	-.4008	CP210	-.2630	CP233	-.2534
CP111	.2174	CP134	-.2962	CP211	-.2828	CP234	-.2418
CP112	.2651	CP135	.2572	CP212	-.2969	CP235	-.2190
CP113	.2377	CP136	.2784	CP213	-.2811	CP236	-.1797
CP114	.0635	CP137	.2439	CP214	-.2605		
CP115	-.1768	CP138	.0255	CP215	-.2375		
CP116	-.4687	CP139	-.1951	CP216	-.2203		
CP117	-1.3981	CP140	-.5129	CP217	-.2106		
CP118	-1.0396	CP141	-1.5227	CP218	-.1660		
CP119	-1.0177	CP142	-1.0437	CP219	-.2755		
CP120	-.5007	CP143	-1.0215	CP220	-.2906		
CP121	-.4359	CP144	-.4672	CP221	-.2958		
CP122	-.2977	CP145	-.3948	CP222	-.2855		
CP123	.2507	CP146	-.2968	CP223	-.2585		

TEST

16

RUN 19

TP 3016.

MACH .600

Q

20208.9

P1

80235.3

ALPHA .01

CP101	.0182	CP124	.3045	CP201	-.2625	CP224	-.2173
CP102	.0367	CP125	.2742	CP202	-.2855	CP225	-.1994
CP103	.0570	CP126	.1065	CP203	-.2941	CP226	-.1830
CP104	.0867	CP127	-.1543	CP204	-.2818	CP227	-.1496
CP105	.1497	CP128	-.4573	CP205	-.2532	CP228	-.3063
CP106	.0899	CP129	-1.3955	CP206	-.2324	CP229	-.2634
CP107	.1464	CP130	-1.0603	CP207	-.2184	CP230	-.2778
CP108	.0816	CP131	-1.0501	CP208	-.2006	CP231	-.2704
CP109	.1395	CP132	-.4903	CP209	-.1671	CP232	-.2635
CP110	.1054	CP133	-.3904	CP210	-.2579	CP233	-.2509
CP111	.2407	CP134	-.3005	CP211	-.2754	CP234	-.2431
CP112	.2913	CP135	.2788	CP212	-.2954	CP235	-.2276
CP113	.2652	CP136	.3031	CP213	-.2782	CP236	-.1833
CP114	.0875	CP137	.2691	CP214	-.2491		
CP115	-.1569	CP138	.0507	CP215	-.2234		
CP116	-.4495	CP139	-.1728	CP216	-.2119		
CP117	-1.3848	CP140	-.4913	CP217	-.1914		
CP118	-1.0380	CP141	-1.5119	CP218	-.1545		
CP119	-.9980	CP142	-1.0585	CP219	-.2562		
CP120	-.4905	CP143	-1.0425	CP220	-.2769		
CP121	-.4374	CP144	-.4565	CP221	-.2899		
CP122	-.2876	CP145	-.3997	CP222	-.2737		
CP123	.2738	CP146	-.2972	CP223	-.2466		

TEST

16

RUN 19

TF 3017.

MACH .600

0

. 20238.1

P1

80205.8

ALPHA 4.05

CP101	.0579	CP124	.3608	CP201	-.4873	CP224	-.1828
CP102	.0814	CP125	.3272	CP202	-.2400	CP225	-.1812
CP103	.1008	CP126	.1550	CP203	-.2315	CP226	-.1898
CP104	.1317	CP127	-.1102	CP204	-.2275	CP227	-.1695
CP105	.1987	CP128	-.4095	CP205	-.1954	CP228	-.4115
CP106	.1368	CP129	-1.3651	CP206	-.1748	CP229	-.3290
CP107	.1938	CP130	-1.3265	CP207	-.1762	CP230	-.2231
CP108	.1261	CP131	-1.1984	CP208	-.2004	CP231	-.2566
CP109	.1838	CP132	-.6622	CP209	-.1715	CP232	-.2197
CP110	.1433	CP133	-.4543	CP210	-.4743	CP233	-.2421
CP111	.2874	CP134	-.4780	CP211	-.3301	CP234	-.2010
CP112	.3499	CP135	.3321	CP212	-.2157	CP235	-.2034
CP113	.3187	CP136	.3611	CP213	-.2392	CP236	-.1696
CP114	.1372	CP137	.3247	CP214	-.1978		
CP115	-.1145	CP138	.1093	CP215	-.1701		
CP116	-.4046	CP139	-.1207	CP216	-.1883		
CP117	-1.3543	CP140	-.4415	CP217	-.2084		
CP118	-1.1895	CP141	-1.4805	CP218	-.1740		
CP119	-1.1873	CP142	-1.3458	CP219	-.4263		
CP120	-.6399	CP143	-1.3334	CP220	-.3941		
CP121	-.5769	CP144	-.6601	CP221	-.2210		
CP122	-.4366	CP145	-.5985	CP222	-.2046		
CP123	.3238	CP146	-.4570	CP223	-.2012		

TEST

16

RUN 19

TP 3018.

MACH .600

Q

20234.3

P1

80214.6

ALPHA 8.23

CP101	.1096	CP124	.4204	CP201	-.4839	CP224	-.1901
CP102	.1344	CP125	.3849	CP202	-.2478	CP225	-.1741
CP103	.1549	CP126	.2130	CP203	-.2407	CP226	-.1698
CP104	.1859	CP127	-.0566	CP204	-.2146	CP227	-.1438
CP105	.2486	CP128	-.3575	CP205	-.1974	CP228	-.4125
CP106	.1907	CP129	-1.3298	CP206	-.1659	CP229	-.3269
CP107	.2455	CP130	-1.3277	CP207	-.1804	CP230	-.2274
CP108	.1745	CP131	-1.2942	CP208	-.1906	CP231	-.2660
CP109	.2342	CP132	-.6736	CP209	-.1417	CP232	-.2654
CP110	.1644	CP133	-.5870	CP210	-.4958	CP233	-.2099
CP111	.3349	CP134	-.4367	CP211	-.2983	CP234	-.2124
CP112	.4104	CP135	.3901	CP212	-.2245	CP235	-.2058
CP113	.3744	CP136	.4200	CP213	-.2219	CP236	-.1603
CP114	.1993	CP137	.3843	CP214	-.1942		
CP115	-.0580	CP138	.1711	CP215	-.1672		
CP116	-.3501	CP139	-.0649	CP216	-.1793		
CP117	-1.3150	CP140	-.3833	CP217	-.1930		
CP118	-1.2522	CP141	-1.4432	CP218	-.1538		
CP119	-1.2173	CP142	-1.3636	CP219	-.4588		
CP120	-.6425	CP143	-1.3337	CP220	-.3390		
CP121	-.5970	CP144	-.6533	CP221	-.2124		
CP122	-.4540	CP145	-.5981	CP222	-.2170		
CP123	.3814	CP146	-.4635	CP223	-.2054		

TEST

16

RUN 19

TP 3019.

MACH .600

Q

.20226.8

P1

80237.1

ALPHA 12.34

CP101	.1701	CP124	.4799	CP201	-.4697	CP224	-.1729
CP102	.1922	CP125	.4412	CP202	-.2999	CP225	-.1776
CP103	.2157	CP126	.2774	CP203	-.2160	CP226	-.1561
CP104	.2464	CP127	.0057	CP204	-.1901	CP227	-.1116
CP105	.3117	CP128	-.2917	CP205	-.1770	CP228	-.4052
CP106	.2487	CP129	-1.2815	CP206	-.1474	CP229	-.2834
CP107	.3059	CP130	-1.3337	CP207	-.1481	CP230	-.2279
CP108	.2310	CP131	-1.2632	CP208	-.1547	CP231	-.2399
CP109	.2910	CP132	-.6392	CP209	-.1099	CP232	-.3807
CP110	.2302	CP133	-.5537	CP210	-.4476	CP233	-.2322
CP111	.3812	CP134	-.4344	CP211	-.2748	CP234	-.1793
CP112	.4681	CP135	.4481	CP212	-.2162	CP235	-.1855
CP113	.4234	CP136	.4805	CP213	-.1970	CP236	-.1457
CP114	.2682	CP137	.4423	CP214	-.1688		
CP115	.0083	CP138	.2373	CP215	-.1466		
CP116	-.2755	CP139	-.0043	CP216	-.1501		
CP117	-1.2626	CP140	-.3225	CP217	-.1500		
CP118	-1.2571	CP141	-1.3946	CP218	-.1001		
CP119	-1.2009	CP142	-1.3712	CP219	-.4348		
CP120	-.6192	CP143	-1.3196	CP220	-.3188		
CP121	-.5886	CP144	-.6257	CP221	-.2099		
CP122	-.4303	CP145	-.5737	CP222	-.1938		
CP123	.4421	CP146	-.4432	CP223	-.1853		

TEST

16

RUN 19

TP 3020.

MACH .599

Q

20168.1

P1

80293.9

ALPHA 16.45

CP101	.2423	CP124	.5440	CP201	-.4250	CP224	-.1562
CP102	.2659	CP125	.4982	CP202	-.2516	CP225	-.1574
CP103	.2923	CP126	.3418	CP203	-.1876	CP226	-.1153
CP104	.3213	CP127	.0780	CP204	-.1739	CP227	-.0777
CP105	.3781	CP128	-.2186	CP205	-.1499	CP228	-.3882
CP106	.3191	CP129	-1.2381	CP206	-.1153	CP229	-.2367
CP107	.3761	CP130	-1.3352	CP207	-.1035	CP230	-.2269
CP108	.3005	CP131	-1.2313	CP208	-.1026	CP231	-.2910
CP109	.3589	CP132	-.6269	CP209	-.0424	CP232	-.5842
CP110	.2808	CP133	-.5483	CP210	-.4074	CP233	-.2172
CP111	.4346	CP134	-.4169	CP211	-.2430	CP234	-.1549
CP112	.5239	CP135	.5109	CP212	-.2051	CP235	-.1655
CP113	.4685	CP136	.5385	CP213	-.1768	CP236	-.1336
CP114	.3354	CP137	.4966	CP214	-.1513		
CP115	.0704	CP138	.3022	CP215	-.1303		
CP116	-.2140	CP139	.0672	CP216	-.1203		
CP117	-1.2204	CP140	-.2490	CP217	-.1067		
CP118	-1.2897	CP141	-1.3484	CP218	-.0598		
CP119	-1.2008	CP142	-1.3702	CP219	-.4094		
CP120	-.6240	CP143	-1.2786	CP220	-.2423		
CP121	-.5831	CP144	-.6149	CP221	-.1897		
CP122	-.4111	CP145	-.5536	CP222	-.1757		
CP123	.4989	CP146	-.4245	CP223	-.1680		

TEST

16

RUN 19

TP 3021.

MACH .600

Q

-20213.5

P1

80273.2

ALPHA 17.42

CP101	.2601	CP124	.5576	CP201	-.4257	CP224	-.1562
CP102	.2855	CP125	.5108	CP202	-.2383	CP225	-.1401
CP103	.3050	CP126	.3570	CP203	-.1841	CP226	-.0972
CP104	.3318	CP127	.0963	CP204	-.1721	CP227	-.0700
CP105	.3916	CP128	-.1984	CP205	-.1492	CP228	-.3709
CP106	.3360	CP129	-1.2216	CP206	-.1117	CP229	-.2361
CP107	.3904	CP130	-1.3344	CP207	-.1048	CP230	-.2208
CP108	.3132	CP131	-1.2293	CP208	-.0938	CP231	-.3020
CP109	.3688	CP132	-.6157	CP209	-.0356	CP232	-.5920
CP110	.2914	CP133	-.5294	CP210	-.4155	CP233	-.1983
CP111	.4445	CP134	-.4037	CP211	-.2403	CP234	-.1437
CP112	.5370	CP135	.5292	CP212	-.1915	CP235	-.1491
CP113	.4768	CP136	.5559	CP213	-.1766	CP236	-.1134
CP114	.3506	CP137	.5130	CP214	-.1474		
CP115	.0844	CP138	.3201	CP215	-.1196		
CP116	-.1988	CP139	.0847	CP216	-.1059		
CP117	-1.2080	CP140	-.2335	CP217	-.0875		
CP118	-1.2866	CP141	-1.3347	CP218	-.0534		
CP119	-1.1955	CP142	-1.3735	CP219	-.4119		
CP120	-.6112	CP143	-1.2764	CP220	-.2551		
CP121	-.5698	CP144	-.6106	CP221	-.1848		
CP122	-.4063	CP145	-.5315	CP222	-.1707		
CP123	.5154	CP146	-.4233	CP223	-.1584		

TEST

16

RUN 20

TP 3026.

MACH .400

Q

10268.7

P1

91744.4

ALPHA -1.62

CP101	-.0114	CP124	.2001	CP201	-.3941	CP224	-.1865
CP102	.0024	CP125	.1398	CP202	-.4139	CP225	-.1794
CP103	.0171	CP126	-.0437	CP203	-.3899	CP226	-.1823
CP104	.0384	CP127	-.4072	CP204	-.2879	CP227	-.1823
CP105	.0890	CP128	-.9283	CP205	-.2043	CP228	-.5550
CP106	.0442	CP129	-2.7134	CP206	-.1729	CP229	-.4748
CP107	.0888	CP130	-2.1178	CP207	-.1657	CP230	-.3290
CP108	.0336	CP131	-1.3647	CP208	-.1563	CP231	-.3255
CP109	.0606	CP132	-.7716	CP209	-.1535	CP232	-.3674
CP110	.0511	CP133	-.5575	CP210	-.6709	CP233	-.3545
CP111	.1629	CP134	-.4452	CP211	-.4900	CP234	-.3373
CP112	.1914	CP135	.1974	CP212	-.3076	CP235	-.3067
CP113	.1377	CP136	.2032	CP213	-.2528	CP236	-.2769
CP114	-.0499	CP137	.1365	CP214	-.1957		
CP115	-.3882	CP138	-.0947	CP215	-.1748		
CP116	-.8793	CP139	-.4064	CP216	-.1638		
CP117	-2.5683	CP140	-.8703	CP217	-.1584		
CP118	-1.9302	CP141	-2.2344	CP218	-.1501		
CP119	-1.3296	CP142	-1.6242	CP219	-.5817		
CP120	-.8301	CP143	-1.0852	CP220	-.5553		
CP121	-.7746	CP144	-.7765	CP221	-.3166		
CP122	-.5874	CP145	-.5650	CP222	-.2295		
CP123	.1904	CP146	-.5662	CP223	-.2083		

TEST

16

RUN 20

TP 3027.

MACH .400

Q

.10261.4

P1

91773.1

ALPHA .28

CP101	.0083	CP124	.2260	CP201	-.5438	CP224	-.1742
CP102	.0259	CP125	.1635	CP202	-.3254	CP225	-.1675
CP103	.0403	CP126	-.0206	CP203	-.3527	CP226	-.1647
CP104	.0607	CP127	-.3824	CP204	-.2892	CP227	-.1604
CP105	.1111	CP128	-.9067	CP205	-.2030	CP228	-.5574
CP106	.0621	CP129	-2.7100	CP206	-.1707	CP229	-.4656
CP107	.1080	CP130	-2.1158	CP207	-.1518	CP230	-.3159
CP108	.0551	CP131	-1.4449	CP208	-.1479	CP231	-.2912
CP109	.0999	CP132	-.9394	CP209	-.1458	CP232	-.2727
CP110	.0710	CP133	-.8143	CP210	-.6785	CP233	-.2460
CP111	.1895	CP134	-.6573	CP211	-.4642	CP234	-.2465
CP112	.2199	CP135	.2156	CP212	-.2983	CP235	-.2410
CP113	.1618	CP136	.2229	CP213	-.2638	CP236	-.2391
CP114	-.0281	CP137	.1626	CP214	-.1927		
CP115	-.3694	CP138	-.0685	CP215	-.1637		
CP116	-.8590	CP139	-.3896	CP216	-.1520		
CP117	-2.5924	CP140	-.8969	CP217	-.1417		
CP118	-1.9278	CP141	-2.5263	CP218	-.1338		
CP119	-1.3442	CP142	-1.7216	CP219	-.5964		
CP120	-.8615	CP143	-1.1959	CP220	-.5392		
CP121	-.7954	CP144	-.8108	CP221	-.2851		
CP122	-.5978	CP145	-.7090	CP222	-.2296		
CP123	.2140	CP146	-.5559	CP223	-.2009		

TEST

16

RUN 20

TP 3028.

MACH .400

Q

10294.6

P1

91700.9

ALPHA 4.23

CP101	.0430	CP124	.2793	CP201	-.4337	CP224	-.1713
CP102	.0612	CP125	.2169	CP202	-.3344	CP225	-.1499
CP103	.0766	CP126	.0312	CP203	-.3613	CP226	-.1442
CP104	.1011	CP127	-.3339	CP204	-.2929	CP227	-.1321
CP105	.1554	CP128	-.8587	CP205	-.2029	CP228	-.5536
CP106	.1052	CP129	-2.6922	CP206	-.1614	CP229	-.4580
CP107	.1508	CP130	-2.1286	CP207	-.1397	CP230	-.2958
CP108	.0949	CP131	-1.4318	CP208	-.1308	CP231	-.2826
CP109	.1434	CP132	-.9398	CP209	-.1175	CP232	-.2572
CP110	.1080	CP133	-.8195	CP210	-.6900	CP233	-.2504
CP111	.2335	CP134	-.6577	CP211	-.4044	CP234	-.2340
CP112	.2744	CP135	.2704	CP212	-.3111	CP235	-.2431
CP113	.2147	CP136	.2786	CP213	-.2642	CP236	-.2457
CP114	.0221	CP137	.2180	CP214	-.1921		
CP115	-.3230	CP138	-.0138	CP215	-.1566		
CP116	-.8175	CP139	-.3359	CP216	-.1397		
CP117	-2.5922	CP140	-.8482	CP217	-.1341		
CP118	-1.9877	CP141	-2.4231	CP218	-.1160		
CP119	-1.3311	CP142	-1.6535	CP219	-.5958		
CP120	-.8664	CP143	-1.1511	CP220	-.5305		
CP121	-.7991	CP144	-.7807	CP221	-.2546		
CP122	-.6119	CP145	-.6742	CP222	-.2309		
CP123	.2652	CP146	-.5292	CP223	-.1954		

TEST

16

RUN 20

TP 3029.

MACH .401

Q

.10300.3

P1

91693.4

ALPHA 8.32

CP101	.0940	CP124	.3386	CP201	-.3747	CP224	-.1692
CP102	.1117	CP125	.2724	CP202	-.3422	CP225	-.1376
CP103	.1289	CP126	.0866	CP203	-.3631	CP226	-.1223
CP104	.1507	CP127	-.2768	CP204	-.2897	CP227	-.1014
CP105	.2040	CP128	-.8015	CP205	-.2054	CP228	-.5666
CP106	.1542	CP129	-2.6646	CP206	-.1595	CP229	-.4408
CP107	.2024	CP130	-2.1423	CP207	-.1345	CP230	-.2888
CP108	.1422	CP131	-1.4092	CP208	-.1182	CP231	-.3590
CP109	.1902	CP132	-.9411	CP209	-.0989	CP232	-.2633
CP110	.1468	CP133	-.8200	CP210	-.7100	CP233	-.2333
CP111	.2803	CP134	-.6632	CP211	-.3962	CP234	-.2400
CP112	.3381	CP135	.3256	CP212	-.3156	CP235	-.2330
CP113	.2698	CP136	.3358	CP213	-.2629	CP236	-.2326
CP114	.0802	CP137	.2730	CP214	-.1933		
CP115	-.2725	CP138	.0474	CP215	-.1527		
CP116	-.7690	CP139	-.2863	CP216	-.1364		
CP117	-2.6003	CP140	-.7908	CP217	-.1196		
CP118	-2.0229	CP141	-2.4343	CP218	-.0969		
CP119	-1.3308	CP142	-1.7114	CP219	-.6107		
CP120	-.8833	CP143	-1.1520	CP220	-.5285		
CP121	-.8185	CP144	-.7550	CP221	-.2477		
CP122	-.6101	CP145	-.6897	CP222	-.2269		
CP123	.3212	CP146	-.5338	CP223	-.1974		

TEST

16

RUN 20

TP 3030.

MACH .400

Q

10258.1

P1

91731.3

ALPHA 12.42

CP101	.1509	CP124	.4043	CP201	-.3366	CP224	-.1580
CP102	.1732	CP125	.3351	CP202	-.3326	CP225	-.1396
CP103	.1922	CP126	.1508	CP203	-.3418	CP226	-.1100
CP104	.2155	CP127	-.2068	CP204	-.2666	CP227	-.0891
CP105	.2719	CP128	-.7288	CP205	-.1816	CP228	-.5510
CP106	.2172	CP129	-2.5755	CP206	-.1307	CP229	-.4111
CP107	.2659	CP130	-2.0890	CP207	-.1062	CP230	-.2678
CP108	.2022	CP131	-1.3297	CP208	-.0870	CP231	-.3089
CP109	.2495	CP132	-.9041	CP209	-.0638	CP232	-.5633
CP110	.1983	CP133	-.7953	CP210	-.6883	CP233	-.2089
CP111	.3341	CP134	-.6367	CP211	-.3412	CP234	-.2033
CP112	.4024	CP135	.3866	CP212	-.2976	CP235	-.2030
CP113	.3286	CP136	.3995	CP213	-.2412	CP236	-.2076
CP114	.1521	CP137	.3372	CP214	-.1681		
CP115	-.2005	CP138	.1181	CP215	-.1283		
CP116	-.6995	CP139	-.2155	CP216	-.1128		
CP117	-2.5512	CP140	-.7162	CP217	-.1038		
CP118	-2.0165	CP141	-2.3811	CP218	-.0709		
CP119	-1.2689	CP142	-1.6491	CP219	-.6114		
CP120	-.8709	CP143	-1.0930	CP220	-.5055		
CP121	-.8029	CP144	-.7317	CP221	-.2221		
CP122	-.6053	CP145	-.6493	CP222	-.2199		
CP123	.3804	CP146	-.5018	CP223	-.1805		

TEST

16

RUN 20

TP 3031.

MACH .399

Q

10250.0

P1

91752.8

ALPHA 16.50

CP101	.2211	CP124	.4690	CP201	-.2006	CP224	-.1214
CP102	.2431	CP125	.3999	CP202	-.3072	CP225	-.1019
CP103	.2624	CP126	.2259	CP203	-.3047	CP226	-.0770
CP104	.2883	CP127	-.1236	CP204	-.2281	CP227	-.0691
CP105	.3365	CP128	-.6359	CP205	-.1490	CP228	-.5054
CP106	.2879	CP129	-2.4444	CP206	-.0971	CP229	-.3775
CP107	.3308	CP130	-1.9678	CP207	-.0683	CP230	-.2523
CP108	.2650	CP131	-1.2079	CP208	-.0497	CP231	-.3155
CP109	.3127	CP132	-.8408	CP209	-.0372	CP232	-.6679
CP110	.2449	CP133	-.7399	CP210	-.6152	CP233	-.2184
CP111	.3838	CP134	-.5863	CP211	-.2752	CP234	-.1627
CP112	.4650	CP135	.4529	CP212	-.2681	CP235	-.1546
CP113	.3824	CP136	.4667	CP213	-.2107	CP236	-.1799
CP114	.2308	CP137	.4057	CP214	-.1353		
CP115	-.1266	CP138	.1978	CP215	-.0905		
CP116	-.6246	CP139	-.1228	CP216	-.0748		
CP117	-2.4687	CP140	-.5965	CP217	-.0659		
CP118	-1.9722	CP141	-2.1392	CP218	-.0554		
CP119	-1.1964	CP142	-1.5051	CP219	-.5880		
CP120	-.8335	CP143	-.9516	CP220	-.4250		
CP121	-.7743	CP144	-.6107	CP221	-.1949		
CP122	-.5730	CP145	-.5676	CP222	-.1850		
CP123	.4418	CP146	-.4457	CP223	-.1390		

TEST

16

RUN 20

TP 3032.

MACH .400

Q

10264.3

P1

91754.4

ALPHA 20.56

CP101	.2976	CP124	.5388	CP201	-.1174	CP224	-.0916
CP102	.3157	CP125	.4638	CP202	-.2723	CP225	-.0524
CP103	.3363	CP126	.3042	CP203	-.2640	CP226	-.0370
CP104	.3628	CP127	-.0338	CP204	-.1729	CP227	-.0429
CP105	.4121	CP128	-.5213	CP205	-.0890	CP228	-.4177
CP106	.3602	CP129	-2.2373	CP206	-.0443	CP229	-.3127
CP107	.4045	CP130	-1.7895	CP207	-.0203	CP230	-.2274
CP108	.3325	CP131	-1.0776	CP208	-.0134	CP231	-.3231
CP109	.3787	CP132	-.7514	CP209	-.0161	CP232	-.3712
CP110	.2922	CP133	-.6591	CP210	-.4601	CP233	-.1578
CP111	.4349	CP134	-.5206	CP211	-.2368	CP234	-.1305
CP112	.5226	CP135	.5220	CP212	-.2423	CP235	-.1300
CP113	.4337	CP136	.5338	CP213	-.1690	CP236	-.1570
CP114	.3059	CP137	.4733	CP214	-.0881		
CP115	-.0683	CP138	.2631	CP215	-.0507		
CP116	-.5577	CP139	-.0149	CP216	-.0331		
CP117	-2.3563	CP140	-.4536	CP217	-.0281		
CP118	-1.8517	CP141	-1.8081	CP218	-.0352		
CP119	-1.1069	CP142	-1.2347	CP219	-.5521		
CP120	-.7782	CP143	-.7526	CP220	-.3309		
CP121	-.7184	CP144	-.4674	CP221	-.1828		
CP122	-.5202	CP145	-.4380	CP222	-.1671		
CP123	.5101	CP146	-.3273	CP223	-.1037		

TEST

16

RUN 21

TP 3043.

MACH .401

Q

.10312.3

P1

91688.2

ALPHA -1.79

CP101	-.0122	CP124	.2042	CP201	-.6014	CP224	-.2255
CP102	.0039	CP125	.1492	CP202	-.3175	CP225	-.1665
CP103	.0177	CP126	-.0287	CP203	-.3378	CP226	-.1348
CP104	.0415	CP127	-.3634	CP204	-.2687	CP227	-.1056
CP105	.0903	CP128	-.8200	CP205	-.1889	CP228	-.4235
CP106	.0440	CP129	-2.3292	CP206	-.1878	CP229	-.4024
CP107	.0905	CP130	-1.5718	CP207	-.1774	CP230	-.3849
CP108	.0368	CP131	-1.0965	CP208	-.1330	CP231	-.3789
CP109	.0830	CP132	-.9194	CP209	-.0898	CP232	-.2532
CP110	.0525	CP133	-.7928	CP210	-.3799	CP233	-.2262
CP111	.1670	CP134	-.6383	CP211	-.4045	CP234	-.1986
CP112	.1948	CP135	.1968	CP212	-.3769	CP235	-.1812
CP113	.1396	CP136	.1988	CP213	-.2394	CP236	-.1579
CP114	-.0459	CP137	.1389	CP214	-.1810		
CP115	-.3640	CP138	-.0913	CP215	-.2105		
CP116	-.8617	CP139	-.4142	CP216	-.1572		
CP117	-2.5233	CP140	-.9198	CP217	-.1505		
CP118	-1.8986	CP141	-2.4965	CP218	-.1310		
CP119	-1.3008	CP142	-1.4780	CP219	-.5639		
CP120	-.8231	CP143	-1.0258	CP220	-.5333		
CP121	-.7557	CP144	-.6108	CP221	-.2967		
CP122	-.5768	CP145	-.5283	CP222	-.2203		
CP123	.1941	CP146	-.4020	CP223	-.2384		

TEST

16

RUN 21

TP 3044.

MACH .400

Q

10284.3

P1

91704.7

ALPHA .14

CP101	.0074	CP124	.2273	CP201	-.4354	CP224	-.1575
CP102	.0241	CP125	.1663	CP202	-.3050	CP225	-.1497
CP103	.0396	CP126	-.0172	CP203	-.3367	CP226	-.1418
CP104	.0617	CP127	-.3769	CP204	-.2685	CP227	-.1240
CP105	.1144	CP128	-.8946	CP205	-.1832	CP228	-.5318
CP106	.0638	CP129	-2.6647	CP206	-.1555	CP229	-.4407
CP107	.1100	CP130	-2.0722	CP207	-.1345	CP230	-.2939
CP108	.0551	CP131	-1.4086	CP208	-.1310	CP231	-.2704
CP109	.1049	CP132	-.9140	CP209	-.1218	CP232	-.2483
CP110	.0737	CP133	-.7912	CP210	-.6505	CP233	-.2205
CP111	.1926	CP134	-.6370	CP211	-.4222	CP234	-.2030
CP112	.2207	CP135	.2191	CP212	-.2833	CP235	-.1830
CP113	.1667	CP136	.2233	CP213	-.2397	CP236	-.1576
CP114	-.0215	CP137	.1644	CP214	-.1752		
CP115	-.3623	CP138	-.0640	CP215	-.1488		
CP116	-.8526	CP139	-.3856	CP216	-.1325		
CP117	-2.5615	CP140	-.8772	CP217	-.1273		
CP118	-1.9179	CP141	-2.4271	CP218	-.1222		
CP119	-1.3079	CP142	-1.7121	CP219	-.5710		
CP120	-.8322	CP143	-1.1695	CP220	-.5255		
CP121	-.7721	CP144	-.7612	CP221	-.2670		
CP122	-.5746	CP145	-.7007	CP222	-.2120		
CP123	.2161	CP146	-.5109	CP223	-.1817		

TEST

16

RUN 21

TP 3045.

MACH .400

Q

10273.9

P1

91707.7

ALPHA 4.10

CP101	.0466	CP124	.2813	CP201	-.3913	CP224	-.1506
CP102	.0627	CP125	.2192	CP202	-.3104	CP225	-.1346
CP103	.0778	CP126	.0317	CP203	-.3400	CP226	-.1208
CP104	.1017	CP127	-.3334	CP204	-.2770	CP227	-.1016
CP105	.1556	CP128	-.8532	CP205	-.1839	CP228	-.5353
CP106	.1071	CP129	-2.6516	CP206	-.1386	CP229	-.4414
CP107	.1543	CP130	-2.0913	CP207	-.1227	CP230	-.2804
CP108	.0961	CP131	-1.3955	CP208	-.1118	CP231	-.2614
CP109	.1447	CP132	-.9171	CP209	-.0974	CP232	-.2352
CP110	.1105	CP133	-.7988	CP210	-.6497	CP233	-.2201
CP111	.2347	CP134	-.6387	CP211	-.3632	CP234	-.2094
CP112	.2777	CP135	.2711	CP212	-.3090	CP235	-.1974
CP113	.2181	CP136	.2789	CP213	-.2473	CP236	-.1605
CP114	.0221	CP137	.2179	CP214	-.1760		
CP115	-.3195	CP138	-.0064	CP215	-.1390		
CP116	-.8109	CP139	-.3320	CP216	-.1217		
CP117	-2.5580	CP140	-.8270	CP217	-.1112		
CP118	-1.9558	CP141	-2.2734	CP218	-.0902		
CP119	-1.3061	CP142	-1.6186	CP219	-.5818		
CP120	-.8531	CP143	-1.0823	CP220	-.5059		
CP121	-.7821	CP144	-.7176	CP221	-.2403		
CP122	-.5862	CP145	-.6417	CP222	-.2107		
CP123	.2666	CP146	-.4756	CP223	-.1764		

TEST

16

RUN 21

TP 3046.

MACH .400

Q

-10273.9

P1

91688.5

ALPHA 8.22

CP101	.0912	CP124	.3401	CP201	-.3614	CP224	-.1519
CP102	.1130	CP125	.2725	CP202	-.3191	CP225	-.1206
CP103	.1293	CP126	.0886	CP203	-.3416	CP226	-.0974
CP104	.1538	CP127	-.2733	CP204	-.2691	CP227	-.0727
CP105	.2107	CP128	-.7950	CP205	-.1784	CP228	-.5480
CP106	.1566	CP129	-2.6208	CP206	-.1343	CP229	-.4167
CP107	.2052	CP130	-2.0984	CP207	-.1132	CP230	-.2718
CP108	.1442	CP131	-1.3731	CP208	-.0938	CP231	-.3341
CP109	.1919	CP132	-.9131	CP209	-.0744	CP232	-.2432
CP110	.1482	CP133	-.7963	CP210	-.6727	CP233	-.2106
CP111	.2819	CP134	-.6369	CP211	-.3648	CP234	-.2070
CP112	.3387	CP135	.3252	CP212	-.2929	CP235	-.1936
CP113	.2732	CP136	.3358	CP213	-.2450	CP236	-.1744
CP114	.0834	CP137	.2748	CP214	-.1722		
CP115	-.2660	CP138	.0499	CP215	-.1311		
CP116	-.7572	CP139	-.2760	CP216	-.1145		
CP117	-2.5542	CP140	-.7706	CP217	-.0982		
CP118	-1.9803	CP141	-2.3417	CP218	-.0765		
CP119	-1.2953	CP142	-1.6895	CP219	-.5891		
CP120	-.8594	CP143	-1.1008	CP220	-.5064		
CP121	-.7941	CP144	-.7175	CP221	-.2300		
CP122	-.5915	CP145	-.6329	CP222	-.2121		
CP123	.3201	CP146	-.4888	CP223	-.1778		

TEST

16

RUN 21

TP 3047.

MACH .400

Q

10268.0

P1

91692.4

ALPHA 12.28

CP101	.1559	CP124	.4043	CP201	-.2626	CP224	-.1383
CP102	.1730	CP125	.3348	CP202	-.3039	CP225	-.1191
CP103	.1696	CP126	.1559	CP203	-.3176	CP226	-.0855
CP104	.2177	CP127	-.2008	CP204	-.2453	CP227	-.0583
CP105	.2701	CP128	-.7141	CP205	-.1639	CP228	-.5095
CP106	.2159	CP129	-2.5267	CP206	-.1143	CP229	-.3929
CP107	.2658	CP130	-2.0429	CP207	-.0892	CP230	-.2471
CP108	.1995	CP131	-1.2950	CP208	-.0707	CP231	-.2842
CP109	.2493	CP132	-.8736	CP209	-.0448	CP232	-.5280
CP110	.1924	CP133	-.7629	CP210	-.6638	CP233	-.1837
CP111	.3347	CP134	-.6094	CP211	-.3096	CP234	-.1664
CP112	.4058	CP135	.3883	CP212	-.2696	CP235	-.1661
CP113	.3302	CP136	.4011	CP213	-.2236	CP236	-.1580
CP114	.1563	CP137	.3376	CP214	-.1454		
CP115	-.1927	CP138	.1233	CP215	-.1047		
CP116	-.6845	CP139	-.2057	CP216	-.0858		
CP117	-2.5019	CP140	-.7018	CP217	-.0765		
CP118	-1.9529	CP141	-2.2705	CP218	-.0516		
CP119	-1.2270	CP142	-1.6009	CP219	-.5823		
CP120	-.8358	CP143	-1.0486	CP220	-.4742		
CP121	-.7730	CP144	-.6960	CP221	-.2037		
CP122	-.5600	CP145	-.6332	CP222	-.2002		
CP123	.3794	CP146	-.4758	CP223	-.1595		

TEST

16

RUN 21

TP 3048.

MACH .400

Q

-10282.9

P1

91705.7

ALPHA 16.36

CP101	.2207	CP124	.4706	CP201	-.1691	CP224	-.1000
CP102	.2432	CP125	.3981	CP202	-.2802	CP225	-.0856
CP103	.2648	CP126	.2287	CP203	-.2807	CP226	-.0500
CP104	.2886	CP127	-.1196	CP204	-.2008	CP227	-.0419
CP105	.3438	CP128	-.6183	CP205	-.1213	CP228	-.4607
CP106	.2890	CP129	-2.3926	CP206	-.0707	CP229	-.3530
CP107	.3368	CP130	-1.9142	CP207	-.0419	CP230	-.2313
CP108	.2685	CP131	-1.1772	CP208	-.0265	CP231	-.2947
CP109	.3162	CP132	-.8098	CP209	-.0154	CP232	-.6269
CP110	.2455	CP133	-.7073	CP210	-.6100	CP233	-.1962
CP111	.3851	CP134	-.5572	CP211	-.2525	CP234	-.1310
CP112	.4652	CP135	.4531	CP212	-.2507	CP235	-.1265
CP113	.3856	CP136	.4667	CP213	-.1859	CP236	-.1396
CP114	.2359	CP137	.4048	CP214	-.1103		
CP115	-.1212	CP138	.2033	CP215	-.0711		
CP116	-.6166	CP139	-.1100	CP216	-.0532		
CP117	-2.4239	CP140	-.5782	CP217	-.0437		
CP118	-1.9279	CP141	-2.0722	CP218	-.0368		
CP119	-1.1704	CP142	-1.4541	CP219	-.5650		
CP120	-.8106	CP143	-.9139	CP220	-.4091		
CP121	-.7467	CP144	-.5893	CP221	-.1785		
CP122	-.5460	CP145	-.5466	CP222	-.1661		
CP123	.4421	CP146	-.4266	CP223	-.1192		

TEST

16

RUN 21

TP 3049.

MACH .400

0

10278.2

P1

91722.2

ALPHA 20.40

CP101	.2970	CP124	.5388	CP201	-.1008	CP224	-.0716
CP102	.3185	CP125	.4672	CP202	-.2436	CP225	-.0301
CP103	.3355	CP126	.3062	CP203	-.2442	CP226	-.0118
CP104	.3606	CP127	-.0285	CP204	-.1552	CP227	-.0189
CP105	.4100	CP128	-.5126	CP205	-.0718	CP228	-.3966
CP106	.3578	CP129	-2.1843	CP206	-.0239	CP229	-.2943
CP107	.4058	CP130	-1.7301	CP207	.0011	CP230	-.2068
CP108	.3380	CP131	-1.0297	CP208	.0115	CP231	-.2924
CP109	.3818	CP132	-.7168	CP209	.0066	CP232	-.3485
CP110	.2930	CP133	-.6279	CP210	-.4515	CP233	.1344
CP111	.4365	CP134	-.4936	CP211	-.2121	CP234	-.1011
CP112	.5278	CP135	.5210	CP212	-.2188	CP235	-.1029
CP113	.4328	CP136	.5364	CP213	-.1495	CP236	-.1108
CP114	.3066	CP137	.4760	CP214	-.0693		
CP115	-.0570	CP138	.2831	CP215	-.0269		
CP116	-.5513	CP139	-.0095	CP216	-.0129		
CP117	-2.3096	CP140	-.4446	CP217	-.0070		
CP118	-1.8050	CP141	-1.7885	CP218	-.0129		
CP119	-1.0719	CP142	-1.2287	CP219	-.5254		
CP120	-.7476	CP143	-.7270	CP220	-.3089		
CP121	-.6932	CP144	-.4474	CP221	-.1642		
CP122	-.4968	CP145	-.4079	CP222	-.1468		
CP123	.5113	CP146	-.3148	CP223	-.0839		

TEST

16

RUN 22

TP 3054.

MACH .600

Q

20196.1

P1

80215.7

ALPHA -1.64

CP101	.0028	CP124	.2803	CP201	-.2917	CP224	-.2413
CP102	.0209	CP125	.2489	CP202	-.2999	CP225	-.2292
CP103	.0430	CP126	.0823	CP203	-.3115	CP226	-.2137
CP104	.0723	CP127	-.1788	CP204	-.2947	CP227	-.1909
CP105	.1364	CP128	-.4815	CP205	-.2619	CP228	-.3245
CP106	.0757	CP129	-1.4097	CP206	-.2443	CP229	-.2828
CP107	.1309	CP130	-1.1895	CP207	-.2105	CP230	-.2688
CP108	.0671	CP131	-1.3029	CP208	-.2273	CP231	-.2430
CP109	.1231	CP132	-.6872	CP209	-.2048	CP232	-.2356
CP110	.0908	CP133	-.4539	CP210	-.4774	CP233	-.2511
CP111	.2217	CP134	-.3119	CP211	-.2886	CP234	-.2552
CP112	.2679	CP135	.2615	CP212	-.3120	CP235	-.2439
CP113	.2393	CP136	.2818	CP213	-.2978	CP236	-.1960
CP114	.0627	CP137	.2474	CP214	-.2685		
CP115	-.1767	CP138	.0304	CP215	-.2476		
CP116	-.4685	CP139	-.1931	CP216	-.2396		
CP117	-1.3985	CP140	-.5112	CP217	-.2201		
CP118	-1.0544	CP141	-1.5232	CP218	-.1870		
CP119	-1.0961	CP142	-1.0766	CP219	-.3467		
CP120	-.6118	CP143	-1.0515	CP220	-.3866		
CP121	-.4782	CP144	-.4853	CP221	-.2971		
CP122	-.3902	CP145	-.4057	CP222	-.2487		
CP123	.2513	CP146	-.4313	CP223	-.2710		

TEST

16

RUN 22

TP 3055.

MACH .600

Q

20192.5

P1

80202.3

ALPHA .26

CP101	.0239	CP124	.3077	CP201	-.3932	CP224	-.2018
CP102	.0443	CP125	.2750	CP202	-.2474	CP225	-.2110
CP103	.0634	CP126	.1072	CP203	-.2427	CP226	-.2162
CP104	.0922	CP127	-.1591	CP204	-.2377	CP227	-.1816
CP105	.1543	CP128	-.4592	CP205	-.2058	CP228	-.3703
CP106	.0964	CP129	-1.3963	CP206	-.2019	CP229	-.3436
CP107	.1535	CP130	-1.3079	CP207	-.2000	CP230	-.2437
CP108	.0863	CP131	-1.2985	CP208	-.2222	CP231	-.2371
CP109	.1432	CP132	-.6822	CP209	-.1879	CP232	-.2318
CP110	.1076	CP133	-.5896	CP210	-.4788	CP233	-.2168
CP111	.2443	CP134	-.4848	CP211	-.3132	CP234	-.2115
CP112	.2937	CP135	.2830	CP212	-.2258	CP235	-.2097
CP113	.2672	CP136	.3061	CP213	-.2270	CP236	-.1950
CP114	.0864	CP137	.2736	CP214	-.2357		
CP115	-.1597	CP138	.0569	CP215	-.2137		
CP116	-.4508	CP139	-.1703	CP216	-.2150		
CP117	-1.3887	CP140	-.4893	CP217	-.2182		
CP118	-1.1552	CP141	-1.5090	CP218	-.2061		
CP119	-1.1726	CP142	-1.1592	CP219	-.4230		
CP120	-.6431	CP143	-1.1012	CP220	-.4007		
CP121	-.5630	CP144	-.6751	CP221	-.2439		
CP122	-.4134	CP145	-.5040	CP222	-.2233		
CP123	.2783	CP146	-.4408	CP223	-.2140		

TEST

16

RUN 22

TP 3056.

MACH .601

Q

20256.1

P1

80118.5

ALPHA 4.32

CP101	.0611	CP124	.3645	CP201	-.5036	CP224	-.1984
CP102	.0843	CP125	.3280	CP202	-.2431	CP225	-.1948
CP103	.1061	CP126	.1567	CP203	-.2451	CP226	-.2093
CP104	.1372	CP127	-.1091	CP204	-.2404	CP227	-.1809
CP105	.1991	CP128	-.4086	CP205	-.2192	CP228	-.4280
CP106	.1397	CP129	-1.3620	CP206	-.1946	CP229	-.3463
CP107	.1964	CP130	-1.3379	CP207	-.1928	CP230	-.2405
CP108	.1281	CP131	-1.3106	CP208	-.2121	CP231	-.2533
CP109	.1656	CP132	-.6948	CP209	-.1888	CP232	-.2326
CP110	.1444	CP133	-.6041	CP210	-.5003	CP233	-.2222
CP111	.2895	CP134	-.4914	CP211	-.3315	CP234	-.2242
CP112	.3544	CP135	.3351	CP212	-.2338	CP235	-.2333
CP113	.3231	CP136	.3632	CP213	-.2296	CP236	-.2088
CP114	.1389	CP137	.3291	CP214	-.2155		
CP115	-.1165	CP138	.1131	CP215	-.1939		
CP116	-.4046	CP139	-.1208	CP216	-.1939		
CP117	-1.3515	CP140	-.4401	CP217	-.2145		
CP118	-1.2312	CP141	-1.4757	CP218	-.2057		
CP119	-1.1927	CP142	-1.3492	CP219	-.4399		
CP120	-.6592	CP143	-1.3355	CP220	-.4074		
CP121	-.6029	CP144	-.6635	CP221	-.2178		
CP122	-.4477	CP145	-.5929	CP222	-.2159		
CP123	.3270	CP146	-.4749	CP223	-.2180		

TEST

16

RUN 22

TP 3057.

MACH .600

Q

20203.4

P1

80169.9

ALPHA 8.55

CP101	.1064	CP124	.4250	CP201	-.5063	CP224	-.2059
CP102	.1281	CP125	.3858	CP202	-.2631	CP225	-.1989
CP103	.1504	CP126	.2151	CP203	-.2566	CP226	-.1847
CP104	.1797	CP127	-.0563	CP204	-.2567	CP227	-.1554
CP105	.2461	CP128	-.3531	CP205	-.2318	CP228	-.4389
CP106	.1860	CP129	-1.3278	CP206	-.1880	CP229	-.3293
CP107	.2464	CP130	-1.3469	CP207	-.1886	CP230	-.2399
CP108	.1744	CP131	-1.3252	CP208	-.2033	CP231	-.2881
CP109	.2332	CP132	-.6923	CP209	-.1651	CP232	-.3069
CP110	.1849	CP133	-.6090	CP210	-.5281	CP233	-.2330
CP111	.3371	CP134	-.4910	CP211	-.2901	CP234	-.2363
CP112	.4120	CP135	.3925	CP212	-.2421	CP235	-.2385
CP113	.3754	CP136	.4222	CP213	-.2400	CP236	-.2042
CP114	.2021	CP137	.3867	CP214	-.2201		
CP115	-.0556	CP138	.1733	CP215	-.1806		
CP116	-.3484	CP139	-.0661	CP216	-.1916		
CP117	-1.3134	CP140	-.3844	CP217	-.2040		
CP118	-1.2833	CP141	-1.4413	CP218	-.1672		
CP119	-1.2255	CP142	-1.3709	CP219	-.4689		
CP120	-.6680	CP143	-1.3419	CP220	-.3801		
CP121	-.6234	CP144	-.6557	CP221	-.2224		
CP122	-.4646	CP145	-.6062	CP222	-.2247		
CP123	.3852	CP146	-.4668	CP223	-.2224		

TEST

16

RUN 22

TP 3058.

MACH .600

Q

20181.6

P1

80202.3

ALPHA 12.68

CP101	.1727	CP124	.4857	CP201	-.4791	CP224	-.1910
CP102	.1990	CP125	.4436	CP202	-.2784	CP225	-.2008
CP103	.2215	CP126	.2789	CP203	-.2328	CP226	-.1749
CP104	.2530	CP127	.0101	CP204	-.2172	CP227	-.1271
CP105	.3178	CP128	-.2864	CP205	-.1930	CP228	-.4296
CP106	.2582	CP129	-1.2823	CP206	-.1565	CP229	-.2824
CP107	.3142	CP130	-1.3577	CP207	-.1567	CP230	-.2452
CP108	.2381	CP131	-1.3052	CP208	-.1575	CP231	-.2745
CP109	.2970	CP132	-.6747	CP209	-.1164	CP232	-.4263
CP110	.2363	CP133	-.5871	CP210	-.4567	CP233	-.2600
CP111	.3888	CP134	-.4641	CP211	-.2843	CP234	-.2152
CP112	.4742	CP135	.4529	CP212	-.2352	CP235	-.2298
CP113	.4261	CP136	.4818	CP213	-.2186	CP236	-.2014
CP114	.2730	CP137	.4454	CP214	-.1978		
CP115	.0154	CP138	.2380	CP215	-.1642		
CP116	-.2747	CP139	-.0045	CP216	-.1626		
CP117	-1.2657	CP140	-.3210	CP217	-.1618		
CP118	-1.2970	CP141	-1.3960	CP218	-.1207		
CP119	-1.2335	CP142	-1.3917	CP219	-.4544		
CP120	-.6712	CP143	-1.3496	CP220	-.2920		
CP121	-.6132	CP144	-.6568	CP221	-.2272		
CP122	-.4498	CP145	-.5495	CP222	-.2109		
CP123	.4460	CP146	-.4675	CP223	-.2055		

TEST

16

RUN 22

TP 3059.

MACH .600

Q

20199.5

P1

80182.3

ALPHA 16.82

CP101	.2483	CP124	.5463	CP201	-.4466	CP224	-.1831
CP102	.2717	CP125	.5008	CP202	-.2727	CP225	-.1843
CP103	.2988	CP126	.3400	CP203	-.2070	CP226	-.1489
CP104	.3262	CP127	.0780	CP204	-.1912	CP227	-.0966
CP105	.3828	CP128	-.2129	CP205	-.1646	CP228	-.4019
CP106	.3252	CP129	-1.2297	CP206	-.1361	CP229	-.2589
CP107	.3783	CP130	-1.3598	CP207	-.1254	CP230	-.2409
CP108	.3081	CP131	-1.2828	CP208	-.1121	CP231	-.3253
CP109	.3586	CP132	-.6511	CP209	-.0643	CP232	-.6829
CP110	.2858	CP133	-.5632	CP210	-.4058	CP233	-.2377
CP111	.4404	CP134	-.4317	CP211	-.2474	CP234	-.1896
CP112	.5309	CP135	.5160	CP212	-.2125	CP235	-.2086
CP113	.4711	CP136	.5420	CP213	-.1906	CP236	-.1717
CP114	.3388	CP137	.5012	CP214	-.1755		
CP115	.0756	CP138	.3092	CP215	-.1474		
CP116	-.2149	CP139	.0705	CP216	-.1343		
CP117	-1.2172	CP140	-.2421	CP217	-.1189		
CP118	-1.3034	CP141	-1.3444	CP218	-.0805		
CP119	-1.2318	CP142	-1.3949	CP219	-.4330		
CP120	-.6535	CP143	-1.3211	CP220	-.2707		
CP121	-.5948	CP144	-.6361	CP221	-.2177		
CP122	-.4283	CP145	-.5737	CP222	-.1912		
CP123	.5004	CP146	-.4405	CP223	-.1821		

TEST

16

RUN 22

TP 3060.

MACH .600

0

20233.0 P1

80186.9

ALPHA 20.65

CP101	.3286	CP124	.6074	CP201	-.4134	CP224	-.1686
CP102	.3500	CP125	.5582	CP202	-.2519	CP225	-.1141
CP103	.3715	CP126	.4083	CP203	-.1684	CP226	-.0831
CP104	.4031	CP127	.1520	CP204	-.1450	CP227	-.0648
CP105	.4502	CP128	-.1355	CP205	-.1332	CP228	-.3492
CP106	.3965	CP129	-1.1732	CP206	-.1010	CP229	-.2527
CP107	.4474	CP130	-1.3601	CP207	-.0911	CP230	-.2285
CP108	.3705	CP131	-1.2338	CP208	-.0685	CP231	-.3279
CP109	.4209	CP132	-.6213	CP209	-.0251	CP232	-.3154
CP110	.3356	CP133	-.5261	CP210	-.4032	CP233	-.1649
CP111	.4851	CP134	-.4123	CP211	-.2191	CP234	-.1611
CP112	.5807	CP135	.5775	CP212	-.1760	CP235	-.1692
CP113	.5106	CP136	.6026	CP213	-.1565	CP236	-.1349
CP114	.3967	CP137	.5609	CP214	-.1407		
CP115	.1273	CP138	.3774	CP215	-.1134		
CP116	-.1593	CP139	.1416	CP216	-.0925		
CP117	-1.1764	CP140	-.1668	CP217	-.0657		
CP118	-1.2996	CP141	-1.2893	CP218	-.0437		
CP119	-1.1960	CP142	-1.3824	CP219	-.3800		
CP120	-.6092	CP143	-1.2603	CP220	-.2496		
CP121	-.5695	CP144	-.6056	CP221	-.1792		
CP122	-.3972	CP145	-.5359	CP222	-.1811		
CP123	.5626	CP146	-.4090	CP223	-.1743		

TEST

16

RUN 23

TP 3065.

MACH .400

Q

10267.9

P1

91566.2

ALPHA -2.03

CP101	-.0080	CP124	.2093	CP201	-.3312	CP224	-.1757
CP102	.0091	CP125	.1534	CP202	-.3553	CP225	-.1429
CP103	.0254	CP126	-.0227	CP203	-.3736	CP226	-.0980
CP104	.0460	CP127	-.3438	CP204	-.3432	CP227	-.0759
CP105	.0961	CP128	-.7943	CP205	-.2763	CP228	-.3867
CP106	.0463	CP129	-2.1057	CP206	-.1457	CP229	-.3425
CP107	.0937	CP130	-1.5312	CP207	-.1305	CP230	-.3612
CP108	.0378	CP131	-.9985	CP208	-.1187	CP231	-.3479
CP109	.0849	CP132	-.6283	CP209	-.0932	CP232	-.3104
CP110	.0529	CP133	-.4965	CP210	-.6310	CP233	-.2796
CP111	.1690	CP134	-.3495	CP211	-.4403	CP234	-.2490
CP112	.1972	CP135	.2020	CP212	-.2789	CP235	-.1908
CP113	.1475	CP136	.2080	CP213	-.3454	CP236	-.1279
CP114	-.0309	CP137	.1509	CP214	-.2596		
CP115	-.3405	CP138	-.0723	CP215	-.1906		
CP116	-.7758	CP139	-.3673	CP216	-.1308		
CP117	-2.1080	CP140	-.8173	CP217	-.0880		
CP118	-1.5109	CP141	-2.1066	CP218	-.0513		
CP119	-1.0185	CP142	-1.3933	CP219	-.3368		
CP120	-.6182	CP143	-.9720	CP220	-.3625		
CP121	-.5483	CP144	-.5767	CP221	-.3816		
CP122	-.3756	CP145	-.4816	CP222	-.3492		
CP123	.1968	CP146	-.3537	CP223	-.2604		

TEST

16

RUN 23

TP 3066.

MACH .401

Q

10289.2

P1

91552.3

ALPHA -.11

CP101	.0084	CP124	.2277	CP201	-.4049	CP224	-.1404
CP102	.0255	CP125	.1686	CP202	-.2886	CP225	-.1249
CP103	.0436	CP126	-.0130	CP203	-.3213	CP226	-.1114
CP104	.0643	CP127	-.3664	CP204	-.2525	CP227	-.0916
CP105	.1161	CP128	-.8790	CP205	-.1669	CP228	-.4986
CP106	.0674	CP129	-2.6151	CP206	-.1338	CP229	-.4319
CP107	.1133	CP130	-2.0296	CP207	-.1156	CP230	-.2792
CP108	.0596	CP131	-1.3810	CP208	-.1057	CP231	-.2498
CP109	.1078	CP132	-.8928	CP209	-.0858	CP232	-.2199
CP110	.0759	CP133	-.7679	CP210	-.6197	CP233	-.1892
CP111	.1932	CP134	-.4896	CP211	-.4243	CP234	-.1994
CP112	.2267	CP135	.2228	CP212	-.2599	CP235	-.1918
CP113	.1688	CP136	.2330	CP213	-.2239	CP236	-.1272
CP114	-.0198	CP137	.1767	CP214	-.1606		
CP115	-.3547	CP138	-.0512	CP215	-.1339		
CP116	-.8362	CP139	-.3487	CP216	-.1176		
CP117	-2.5119	CP140	-.7937	CP217	-.1068		
CP118	-1.8722	CP141	-2.0716	CP218	-.0837		
CP119	-1.2747	CP142	-1.5333	CP219	-.5446		
CP120	-.8067	CP143	-1.1734	CP220	-.5080		
CP121	-.7413	CP144	-.7565	CP221	-.2544		
CP122	-.5528	CP145	-.6391	CP222	-.1944		
CP123	.2187	CP146	-.5036	CP223	-.1655		

TEST

16

RUN 23

TP 3067.

MACH .400

G

10255.0

P1

91582.2

ALPHA 3.86

CP101	.0466	CP124	.2833	CP201	-.3345	CP224	-.1223
CP102	.0656	CP125	.2233	CP202	-.2837	CP225	-.1017
CP103	.0848	CP126	.0391	CP203	-.3154	CP226	-.0808
CP104	.1072	CP127	-.3192	CP204	-.2442	CP227	-.0755
CP105	.1602	CP128	-.8298	CP205	-.1546	CP228	-.4878
CP106	.1110	CP129	-2.5879	CP206	-.1162	CP229	-.3884
CP107	.1557	CP130	-2.0260	CP207	-.0959	CP230	-.2541
CP108	.0999	CP131	-1.3445	CP208	-.0775	CP231	-.2316
CP109	.1504	CP132	-.8773	CP209	-.0638	CP232	-.1935
CP110	.1113	CP133	-.7593	CP210	-.6217	CP233	-.1689
CP111	.2379	CP134	-.6006	CP211	-.3277	CP234	-.1429
CP112	.2803	CP135	.2741	CP212	-.2790	CP235	-.1219
CP113	.2212	CP136	.2834	CP213	-.2258	CP236	-.0855
CP114	.0305	CP137	.2240	CP214	-.1490		
CP115	-.3090	CP138	-.0023	CP215	-.1146		
CP116	-.7928	CP139	-.3137	CP216	-.0950		
CP117	-2.4908	CP140	-.7949	CP217	-.0821		
CP118	-1.8946	CP141	-2.2942	CP218	-.0667		
CP119	-1.2757	CP142	-1.5655	CP219	-.5592		
CP120	-.8179	CP143	-1.0433	CP220	-.4844		
CP121	-.7541	CP144	-.6763	CP221	-.2266		
CP122	-.5544	CP145	-.5792	CP222	-.1832		
CP123	.2679	CP146	-.4627	CP223	-.1516		

TEST

16

RUN 23

TP 3068.

MACH .400

Q

10268.6

P1

91583.1

ALPHA 7.89

CP101	.0939	CP124	.3445	CP201	-.1957	CP224	-.1119
CP102	.1176	CP125	.2783	CP202	-.2753	CP225	-.0788
CP103	.1344	CP126	.0968	CP203	-.3013	CP226	-.0510
CP104	.1557	CP127	-.2573	CP204	-.2334	CP227	-.0414
CP105	.2145	CP128	-.7663	CP205	-.1430	CP228	-.4686
CP106	.1606	CP129	-2.5307	CP206	-.1010	CP229	-.3802
CP107	.2095	CP130	-2.0025	CP207	-.0751	CP230	-.2334
CP108	.1486	CP131	-1.3029	CP208	-.0569	CP231	-.2860
CP109	.1965	CP132	-.8635	CP209	-.0391	CP232	-.1992
CP110	.1567	CP133	-.7468	CP210	-.6230	CP233	-.1519
CP111	.2669	CP134	-.5896	CP211	-.3034	CP234	-.1397
CP112	.3369	CP135	.3303	CP212	-.2619	CP235	-.1188
CP113	.2792	CP136	.3420	CP213	-.2104	CP236	-.0878
CP114	.0915	CP137	.2839	CP214	-.1375		
CP115	-.2551	CP138	.0614	CP215	-.0976		
CP116	-.7327	CP139	-.2564	CP216	-.0760		
CP117	-2.4658	CP140	-.7155	CP217	-.0607		
CP118	-1.9065	CP141	-2.2589	CP218	-.0471		
CP119	-1.2421	CP142	-1.5601	CP219	-.5545		
CP120	-.8119	CP143	-1.0363	CP220	-.4597		
CP121	-.7477	CP144	-.6531	CP221	-.2028		
CP122	-.5544	CP145	-.5869	CP222	-.1772		
CP123	.3235	CP146	-.4283	CP223	-.1391		

TEST

16

RUN 23

TP 3069.

MACH .400

Q

10276.6

P1

91587.6

ALPHA 11.96

CP101	.1623	CP124	.4086	CP201	-.2288	CP224	-.0907
CP102	.1780	CP125	.3421	CP202	-.2540	CP225	-.0751
CP103	.1994	CP126	.1617	CP203	-.2666	CP226	-.0356
CP104	.2273	CP127	-.1836	CP204	-.1957	CP227	-.0319
CP105	.2776	CP128	-.6855	CP205	-.1164	CP228	-.4444
CP106	.2223	CP129	-2.4278	CP206	-.0720	CP229	-.3513
CP107	.2673	CP130	-1.9204	CP207	-.0486	CP230	-.2038
CP108	.2046	CP131	-1.2172	CP208	-.0289	CP231	-.2342
CP109	.2521	CP132	-.8148	CP209	-.0108	CP232	-.4281
CP110	.1972	CP133	-.7022	CP210	-.5880	CP233	-.1375
CP111	.3369	CP134	-.5513	CP211	-.2581	CP234	-.1021
CP112	.4076	CP135	.3919	CP212	-.2312	CP235	-.0941
CP113	.3355	CP136	.4054	CP213	-.1795	CP236	-.0863
CP114	.1657	CP137	.3459	CP214	-.1077		
CP115	-.1768	CP138	.1316	CP215	-.0642		
CP116	-.6642	CP139	-.1885	CP216	-.0499		
CP117	-2.4004	CP140	-.6639	CP217	-.0400		
CP118	-1.8715	CP141	-2.1765	CP218	-.0284		
CP119	-1.1585	CP142	-1.5069	CP219	-.5284		
CP120	-.7832	CP143	-.9869	CP220	-.4208		
CP121	-.7115	CP144	-.6285	CP221	-.1601		
CP122	-.5254	CP145	-.5829	CP222	-.1530		
CP123	.3858	CP146	-.4334	CP223	-.1131		

TEST

16

RUN 23

TP 3070.

MACH .400

Q

10254.9

P1

91607.4

ALPHA 16.03

CP101	.2263	CP124	.4768	CP201	-.1457	CP224	-.0539
CP102	.2434	CP125	.4049	CP202	-.2334	CP225	-.0418
CP103	.2661	CP126	.2348	CP203	-.2356	CP226	-.0058
CP104	.2913	CP127	-.1059	CP204	-.1598	CP227	-.0153
CP105	.3433	CP128	-.5910	CP205	-.0782	CP228	-.4009
CP106	.2934	CP129	-2.2885	CP206	-.0301	CP229	-.3068
CP107	.3382	CP130	-1.7994	CP207	-.0036	CP230	-.1844
CP108	.2695	CP131	-1.0940	CP208	.0121	CP231	-.2353
CP109	.3211	CP132	-.7410	CP209	.0199	CP232	-.5481
CP110	.2508	CP133	-.6453	CP210	-.4912	CP233	-.1452
CP111	.3885	CP134	-.4995	CP211	-.2014	CP234	-.0682
CP112	.4693	CP135	.4571	CP212	-.2045	CP235	-.0643
CP113	.3930	CP136	.4723	CP213	-.1434	CP236	-.0801
CP114	.2435	CP137	.4103	CP214	-.0678		
CP115	-.1032	CP138	.2110	CP215	-.0309		
CP116	-.5920	CP139	-.0964	CP216	-.0081		
CP117	-2.3106	CP140	-.5501	CP217	.0032		
CP118	-1.8033	CP141	-1.9555	CP218	-.0028		
CP119	-1.0891	CP142	-1.3613	CP219	-.5057		
CP120	-.7435	CP143	-.8491	CP220	-.3493		
CP121	-.6829	CP144	-.5264	CP221	-.1381		
CP122	-.4944	CP145	-.4783	CP222	-.1276		
CP123	.4489	CP146	-.3577	CP223	-.0782		

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

TEST

16

RUN 23

TP 3071.

MACH .400

0

10249.3

P1

91617.5

ALPHA 18.89

CP101	.2771	CP124	.5200	CP201	-.0788	CP224	-.0440
CP102	.2991	CP125	.4507	CP202	-.2019	CP225	-.0059
CP103	.3218	CP126	.2895	CP203	-.2047	CP226	.0198
CP104	.3448	CP127	-.0410	CP204	-.1258	CP227	-.0012
CP105	.3948	CP128	-.5144	CP205	-.0449	CP228	-.3592
CP106	.3449	CP129	-2.1587	CP206	.0040	CP229	-.2758
CP107	.3921	CP130	-1.6747	CP207	.0297	CP230	-.1728
CP108	.3217	CP131	-1.0039	CP208	.0413	CP231	-.2448
CP109	.3663	CP132	-.6774	CP209	.0351	CP232	-.4017
CP110	.2846	CP133	-.5898	CP210	-.4233	CP233	-.0927
CP111	.4271	CP134	-.4583	CP211	-.1722	CP234	-.0514
CP112	.5109	CP135	.5064	CP212	-.1823	CP235	-.0529
CP113	.4264	CP136	.5226	CP213	-.1171	CP236	-.0611
CP114	.2938	CP137	.4590	CP214	-.0407		
CP115	-.0642	CP138	.2720	CP215	.0015		
CP116	-.5460	CP139	-.0231	CP216	.0175		
CP117	-2.2402	CP140	-.4597	CP217	.0236		
CP118	-1.7551	CP141	-1.7623	CP218	.0043		
CP119	-1.0254	CP142	-1.1948	CP219	-.4833		
CP120	-.7106	CP143	-.7274	CP220	-.2959		
CP121	-.6497	CP144	-.4322	CP221	-.1254		
CP122	-.4621	CP145	-.4116	CP222	-.1175		
CP123	.4921	CP146	-.2868	CP223	-.0558		

TEST

16

RUN 24

TP 3088.

MACH .399

Q

10060.2

P1

90341.1

ALPHA -1.92

CP101	-.0019	CP124	.1510	CP301	-.2123	CP324	-.2903
CP102	.0109	CP125	.0869	CP302	-.2834	CP325	-.2315
CP103	.0114	CP126	-.0986	CP303	-.2880	CP326	-.1676
CP104	.0124	CP127	-.4328	CP304	-.2006	CP327	-.1207
CP105	.0417	CP128	-.8749	CP305	-.1231	CP328	-.0972
CP106	.0217	CP129	-2.2438	CP306	-.1058		
CP107	.0360	CP130	-1.7272	CP307	-.0908		
CP108	.0189	CP131	-1.1757	CP308	-.3185		
CP109	.0391	CP132	-.7817	CP309	-.2708		
CP110	.0347	CP133	-.6665	CP310	-.2796		
CP111	.1955	CP134	-.5094	CP311	-.1980		
CP112	.1561	CP135	.1473	CP312	-.1321		
CP113	.0712	CP136	.1367	CP313	-.1074		
CP114	-.1430	CP137	.0856	CP314	-.0993		
CP115	-.4345	CP138	-.1224	CP315	-.4995		
CP116	-.8859	CP139	-.3827	CP316	-.2848		
CP117	-2.4168	CP140	-.7318	CP317	-.2339		
CP118	-1.7737	CP141	-1.6462	CP318	-.1931		
CP119	-1.2341	CP142	-1.1410	CP319	-.1446		
CP120	-.7859	CP143	-.7979	CP320	-.1236		
CP121	-.7141	CP144	-.4900	CP321	-.1120		
CP122	-.5266	CP145	-.4313	CP322	-.4285		
CP123	.1667	CP146	-.3210	CP323	-.3105		

TEST

16

RUN 24

TP 3089.

MACH .401

Q

10166.0

P1

90232.9

ALPHA -.01

CP101	.0042	CP124	.1605	CP301	-.2165	CP324	-.2868
CP102	.0191	CP125	.0982	CP302	-.2855	CP325	-.2335
CP103	.0234	CP126	-.0768	CP303	-.2867	CP326	-.1758
CP104	.0214	CP127	-.3911	CP304	-.2158	CP327	-.1199
CP105	.0490	CP128	-.8045	CP305	-.1345	CP328	-.0930
CP106	.0326	CP129	-2.1053	CP306	-.1057		
CP107	.0486	CP130	-1.6263	CP307	-.0945		
CP108	.0318	CP131	-1.0715	CP308	-.2997		
CP109	.0533	CP132	-.7231	CP309	-.2722		
CP110	.0485	CP133	-.6177	CP310	-.2800		
CP111	.2039	CP134	-.4762	CP311	-.2039		
CP112	.1672	CP135	.1738	CP312	-.1322		
CP113	.0805	CP136	.1679	CP313	-.1060		
CP114	-.1264	CP137	.1150	CP314	-.0940		
CP115	-.4155	CP138	-.0817	CP315	-.4875		
CP116	-.8563	CP139	-.3331	CP316	-.2673		
CP117	-2.3525	CP140	-.6744	CP317	-.2318		
CP118	-1.7471	CP141	-1.5898	CP318	-.1928		
CP119	-1.1930	CP142	-1.0876	CP319	-.1447		
CP120	-.7744	CP143	-.7510	CP320	-.1187		
CP121	-.7030	CP144	-.4688	CP321	-.1112		
CP122	-.5142	CP145	-.4082	CP322	-.4173		
CP123	.1763	CP146	-.2986	CP323	-.3022		

TEST

16

RUN 24

TP 3090.

MACH .401

Q

10174.9

P1

90227.6

ALPHA 3.94

CP101	.0473	CP124	.2057	CP301	-.2036	CP324	-.2692
CP102	.0606	CP125	.1422	CP302	-.2752	CP325	-.2384
CP103	.0661	CP126	-.0200	CP303	-.2747	CP326	-.1907
CP104	.0689	CP127	-.2995	CP304	-.1999	CP327	-.1327
CP105	.0944	CP128	-.7049	CP305	-.1205	CP328	-.0950
CP106	.0771	CP129	-1.9703	CP306	-.0941		
CP107	.0936	CP130	-1.5194	CP307	-.0819		
CP108	.0713	CP131	-.9842	CP308	-.3075		
CP109	.0904	CP132	-.6840	CP309	-.2583		
CP110	.0851	CP133	-.5988	CP310	-.2705		
CP111	.2164	CP134	-.4655	CP311	-.1901		
CP112	.1840	CP135	.2351	CP312	-.1227		
CP113	.1033	CP136	.2416	CP313	-.0966		
CP114	-.0759	CP137	.1756	CP314	-.0867		
CP115	-.3380	CP138	-.0184	CP315	-.4603		
CP116	-.7414	CP139	-.2817	CP316	-.2505		
CP117	-2.0723	CP140	-.6504	CP317	-.2132		
CP118	-1.5843	CP141	-1.6760	CP318	-.1772		
CP119	-1.0252	CP142	-1.1428	CP319	-.1285		
CP120	-.7141	CP143	-.7689	CP320	-.1048		
CP121	-.6500	CP144	-.4871	CP321	-.1019		
CP122	-.4807	CP145	-.4270	CP322	-.3990		
CP123	.2183	CP146	-.3095	CP323	-.2797		

TEST

16

RUN 24

TP 3091.

MACH .401

Q

10144.6

P1

90256.0

ALPHA 8.02

CP101	.0955	CP124	.2957	CP301	-.2131	CP324	-.2478
CP102	.1090	CP125	.2238	CP302	-.2843	CP325	-.2533
CP103	.1131	CP126	.0560	CP303	-.2782	CP326	-.2250
CP104	.1193	CP127	-.2508	CP304	-.1952	CP327	-.1743
CP105	.1423	CP128	-.6993	CP305	-.1232	CP328	-.1108
CP106	.1260	CP129	-2.1749	CP306	-.0905		
CP107	.1427	CP130	-1.6998	CP307	-.0772		
CP108	.1157	CP131	-1.0770	CP308	-.3497		
CP109	.1370	CP132	-.7460	CP309	-.2561		
CP110	.1216	CP133	-.6437	CP310	-.2646		
CP111	.2734	CP134	-.4972	CP311	-.1825		
CP112	.2652	CP135	.3063	CP312	-.1133		
CP113	.1784	CP136	.3124	CP313	-.0881		
CP114	.0013	CP137	.2473	CP314	-.0747		
CP115	-.2683	CP138	.0415	CP315	-.4709		
CP116	-.6841	CP139	-.2418	CP316	-.2559		
CP117	-2.1147	CP140	-.6411	CP317	-.2007		
CP118	-1.6360	CP141	-1.7989	CP318	-.1657		
CP119	-1.0250	CP142	-1.2504	CP319	-.1227		
CP120	-.7209	CP143	-.8376	CP320	-.0976		
CP121	-.6621	CP144	-.5188	CP321	-.0881		
CP122	-.4931	CP145	-.4485	CP322	-.3995		
CP123	.2948	CP146	-.3344	CP323	-.2800		

TEST

16

RUN 24

TP 3092.

MACH .401

Q

10143.2

P1

90277.4

ALPHA 12.10

CP101	.1593	CP124	.3688	CP301	-.2345	CP324	-.2774
CP102	.1721	CP125	.2922	CP302	-.2822	CP325	-.2780
CP103	.1802	CP126	.1214	CP303	-.2671	CP326	-.2489
CP104	.1849	CP127	-.2020	CP304	-.1743	CP327	-.1992
CP105	.2137	CP128	-.6740	CP305	-.1070	CP328	-.1359
CP106	.1916	CP129	-2.2729	CP306	-.0780		
CP107	.2067	CP130	-1.8067	CP307	-.0607		
CP108	.1822	CP131	-1.1284	CP308	-.3788		
CP109	.2003	CP132	-.7751	CP309	-.2501		
CP110	.1802	CP133	-.6713	CP310	-.2501		
CP111	.3528	CP134	-.5201	CP311	-.1712		
CP112	.3529	CP135	.3682	CP312	-.1093		
CP113	.2578	CP136	.3752	CP313	-.0825		
CP114	.0713	CP137	.3057	CP314	-.0636		
CP115	-.2138	CP138	.1047	CP315	-.4910		
CP116	-.6600	CP139	-.1906	CP316	-.2550		
CP117	-2.2620	CP140	-.6129	CP317	-.1845		
CP118	-1.7728	CP141	-1.9268	CP318	-.1590		
CP119	-1.0837	CP142	-1.3071	CP319	-.1167		
CP120	-.7511	CP143	-.8479	CP320	-.0866		
CP121	-.6881	CP144	-.5314	CP321	-.0764		
CP122	-.5067	CP145	-.4695	CP322	-.4004		
CP123	.3618	CP146	-.3481	CP323	-.2855		

TEST

16

RUN 24

TP 3093.

MACH .400

Q

.10124.5

P1

90305.3

ALPHA 16.18

CP101	.2274	CP124	.4378	CP301	-.2277	CP324	-.2831
CP102	.2389	CP125	.3608	CP302	-.2762	CP325	-.2745
CP103	.2509	CP126	.1968	CP303	-.2449	CP326	-.2519
CP104	.2509	CP127	-.1340	CP304	-.1582	CP327	-.2089
CP105	.2799	CP128	-.6041	CP305	-.0856	CP328	-.1554
CP106	.2581	CP129	-2.2446	CP306	-.0503		
CP107	.2752	CP130	-1.7872	CP307	-.0332		
CP108	.2468	CP131	-1.0974	CP308	-.3518		
CP109	.2691	CP132	-.7511	CP309	-.2434		
CP110	.2354	CP133	-.6548	CP310	-.2313		
CP111	.4193	CP134	-.5138	CP311	-.1461		
CP112	.4199	CP135	.4321	CP312	-.0853		
CP113	.3283	CP136	.4374	CP313	-.0555		
CP114	.1496	CP137	.3726	CP314	-.0463		
CP115	-.1424	CP138	.1734	CP315	-.4862		
CP116	-.5971	CP139	-.1180	CP316	-.2216		
CP117	-2.2674	CP140	-.5512	CP317	-.1716		
CP118	-1.7755	CP141	-1.8400	CP318	-.1395		
CP119	-1.0597	CP142	-1.2924	CP319	-.0951		
CP120	-.7441	CP143	-.8014	CP320	-.0682		
CP121	-.6793	CP144	-.5141	CP321	-.0540		
CP122	-.4968	CP145	-.4652	CP322	-.3942		
CP123	.4320	CP146	-.3348	CP323	-.2867		

TEST

16

RUN 24

TP 3094.

MACH .401

G

10150.2

P1

90288.1

ALPHA 20.25

CP101	.2980	CP124	.5062	CP301	-.2035	CP324	-.2480
CP102	.3135	CP125	.4297	CP302	-.2580	CP325	-.2355
CP103	.3155	CP126	.2729	CP303	-.2259	CP326	-.2300
CP104	.3217	CP127	-.0488	CP304	-.1259	CP327	-.1958
CP105	.3479	CP128	-.5203	CP305	-.0569	CP328	-.1524
CP106	.3281	CP129	-2.1551	CP306	-.0172		
CP107	.3420	CP130	-1.7127	CP307	-.0026		
CP108	.3121	CP131	-1.0210	CP308	-.2860		
CP109	.3303	CP132	-.7065	CP309	-.2289		
CP110	.2874	CP133	-.6187	CP310	-.2059		
CP111	.4766	CP134	-.4803	CP311	-.1136		
CP112	.4917	CP135	.4989	CP312	-.0519		
CP113	.3933	CP136	.5037	CP313	-.0259		
CP114	.2354	CP137	.4427	CP314	-.0228		
CP115	-.0687	CP138	.2558	CP315	-.4536		
CP116	-.5315	CP139	-.0297	CP316	-.1867		
CP117	-2.2135	CP140	-.4484	CP317	-.1497		
CP118	-1.7286	CP141	-1.7196	CP318	-.1082		
CP119	-1.0119	CP142	-1.1900	CP319	-.0626		
CP120	-.7119	CP143	-.7232	CP320	-.0317		
CP121	-.6543	CP144	-.4308	CP321	-.0294		
CP122	-.4706	CP145	-.3909	CP322	-.3674		
CP123	.4974	CP146	-.2852	CP323	-.2674		

TEST

16

RUN 25

TP 3105.

MACH .401

Q

10155.9

P1

90432.0

ALPHA -1.83

CP101	.1991	CP124	-.4375	CP301	-.2577	CP324	-.2813
CP102	.2677	CP125	-.4483	CP302	-.2694	CP325	-.2870
CP103	.7704	CP126	-.4444	CP303	-.2930	CP326	-.3131
CP104	-.2189	CP127	-.3674	CP304	-.3167	CP327	-.3173
CP105	-.2201	CP128	-.3135	CP305	-.3209	CP328	-.2699
CP106	-.2182	CP129	-.2909	CP306	-.2922		
CP107	-.2199	CP130	-.2645	CP307	-.2089		
CP108	-.2192	CP131	-.2653	CP308	-.2637		
CP109	-.2203	CP132	-.2585	CP309	-.2792		
CP110	-.2248	CP133	-.2575	CP310	-.3010		
CP111	-.4337	CP134	-.2548	CP311	-.3103		
CP112	-.4569	CP135	-.3494	CP312	-.3404		
CP113	-.4601	CP136	-.3902	CP313	-.3243		
CP114	-.4545	CP137	-.4228	CP314	-.2625		
CP115	-.3485	CP138	-.4601	CP315	-.2756		
CP116	-.3512	CP139	-.4083	CP316	-.2828		
CP117	-.5819	CP140	-.3454	CP317	-.2885		
CP118	-.4756	CP141	-.2976	CP318	-.2950		
CP119	-.4248	CP142	-.2801	CP319	-.3255		
CP120	-.3286	CP143	-.2750	CP320	-.3340		
CP121	-.3023	CP144	-.2726	CP321	-.2701		
CP122	-.2758	CP145	-.2690	CP322	-.2676		
CP123	-.3661	CP146	-.2652	CP323	-.2717		

TEST

16

RUN 25

TP 3106.

MACH .401

Q

10159.8

P1

90428.8

ALPHA .08

CP101	.2063	CP124	-.4381	CP301	-.2603	CP324	-.2771
CP102	.2750	CP125	-.4483	CP302	-.2683	CP325	-.2758
CP103	.6863	CP126	-.4410	CP303	-.2997	CP326	-.2942
CP104	-.2236	CP127	-.3608	CP304	-.3133	CP327	-.2946
CP105	-.2193	CP128	-.3087	CP305	-.3157	CP328	-.2588
CP106	-.2188	CP129	-.3265	CP306	-.2841		
CP107	-.2201	CP130	-.2721	CP307	-.2082		
CP108	-.2184	CP131	-.2737	CP308	-.2593		
CP109	-.2208	CP132	-.2658	CP309	-.2786		
CP110	-.2210	CP133	-.2582	CP310	-.2976		
CP111	-.4369	CP134	-.2512	CP311	-.2985		
CP112	-.4614	CP135	-.3417	CP312	-.3199		
CP113	-.4698	CP136	-.4044	CP313	-.3167		
CP114	-.4537	CP137	-.4410	CP314	-.2540		
CP115	-.3108	CP138	-.4590	CP315	-.2692		
CP116	-.3307	CP139	-.4023	CP316	-.2753		
CP117	-.6414	CP140	-.3302	CP317	-.2819		
CP118	-.4906	CP141	-.2750	CP318	-.2877		
CP119	-.4471	CP142	-.2551	CP319	-.2970		
CP120	-.3378	CP143	-.2521	CP320	-.3163		
CP121	-.3075	CP144	-.2493	CP321	-.2583		
CP122	-.2840	CP145	-.2499	CP322	-.2607		
CP123	-.3614	CP146	-.2537	CP323	-.2620		

TEST

16

RUN 25

TP 3107.

MACH .400

Q

10123.3

P1

90470.1

ALPHA 4.03

CP101	.2391	CP124	-.4672	CP301	-.2310	CP324	-.2301
CP102	.3126	CP125	-.4647	CP302	-.2246	CP325	-.2435
CP103	.6111	CP126	-.4376	CP303	-.2355	CP326	-.2535
CP104	-.2259	CP127	-.3064	CP304	-.2657	CP327	-.2759
CP105	-.2297	CP128	-.2541	CP305	-.2705	CP328	-.2434
CP106	-.2262	CP129	-.5157	CP306	-.2701		
CP107	-.2233	CP130	-.3773	CP307	-.2281		
CP108	-.2217	CP131	-.3470	CP308	-.2334		
CP109	-.2241	CP132	-.3022	CP309	-.2260		
CP110	-.2252	CP133	-.2833	CP310	-.2423		
CP111	-.4315	CP134	-.2565	CP311	-.2445		
CP112	-.5012	CP135	-.3429	CP312	-.2626		
CP113	-.4646	CP136	-.4643	CP313	-.2900		
CP114	-.4407	CP137	-.4716	CP314	-.2580		
CP115	-.1987	CP138	-.4727	CP315	-.2450		
CP116	-.2573	CP139	-.3718	CP316	-.2401		
CP117	-.7518	CP140	-.3087	CP317	-.2393		
CP118	-.5782	CP141	-.4662	CP318	-.2432		
CP119	-.5096	CP142	-.2939	CP319	-.2464		
CP120	-.3790	CP143	-.2802	CP320	-.2890		
CP121	-.3333	CP144	-.2790	CP321	-.2658		
CP122	-.2817	CP145	-.2609	CP322	-.2265		
CP123	-.3675	CP146	-.2363	CP323	-.2208		

TEST

16

RUN 25

TP 3108.

MACH .401

Q

10169.2

P1

90416.2

ALPHA 8.09

CP101	.2775	CP124	-.4773	CP301	-.2913	CP324	-.2281
CP102	.3539	CP125	-.4702	CP302	-.2498	CP325	-.2404
CP103	.5575	CP126	-.4476	CP303	-.2098	CP326	-.2471
CP104	-.2136	CP127	-.2103	CP304	-.2152	CP327	-.2509
CP105	-.2090	CP128	-.1874	CP305	-.2462	CP328	-.2142
CP106	-.2081	CP129	-.7856	CP306	-.2602		
CP107	-.2039	CP130	-.5335	CP307	-.2143		
CP108	-.2041	CP131	-.4781	CP308	-.2817		
CP109	-.2033	CP132	-.3926	CP309	-.2519		
CP110	-.2034	CP133	-.3415	CP310	-.2008		
CP111	-.3779	CP134	-.3165	CP311	-.2091		
CP112	-.4869	CP135	-.3611	CP312	-.2444		
CP113	-.4424	CP136	-.4747	CP313	-.2794		
CP114	-.3847	CP137	-.4791	CP314	-.2412		
CP115	-.0935	CP138	-.4706	CP315	-.2680		
CP116	-.2035	CP139	-.2669	CP316	-.2651		
CP117	-1.0607	CP140	-.2136	CP317	-.2190		
CP118	-.8452	CP141	-.7603	CP318	-.2109		
CP119	-.6072	CP142	-.4670	CP319	-.2378		
CP120	-.4530	CP143	-.4435	CP320	-.2834		
CP121	-.4050	CP144	-.3847	CP321	-.2342		
CP122	-.3283	CP145	-.3445	CP322	-.2215		
CP123	-.3513	CP146	-.3038	CP323	-.2338		

TEST

16

RUN 25

TP 3109.

MACH .401

G

10158.1

P1

90449.6

ALPHA 12.17

CP101	.3367	CP124	-.4533	CP301	-.3252	CP324	-.2771
CP102	.4064	CP125	-.4485	CP302	-.3324	CP325	-.2723
CP103	.5156	CP126	-.4268	CP303	-.2283	CP326	-.2109
CP104	-.1607	CP127	-.0815	CP304	-.1928	CP327	-.1982
CP105	-.1617	CP128	-.1391	CP305	-.2294	CP328	-.1782
CP106	-.1607	CP129	-1.0897	CP306	-.1952		
CP107	-.1638	CP130	-.7571	CP307	-.1140		
CP108	-.1610	CP131	-.5820	CP308	-.3328		
CP109	-.1621	CP132	-.4803	CP309	-.3454		
CP110	-.1661	CP133	-.4149	CP310	-.2509		
CP111	-.2926	CP134	-.3698	CP311	-.1989		
CP112	-.4522	CP135	-.3263	CP312	-.2152		
CP113	-.3901	CP136	-.4509	CP313	-.2264		
CP114	-.2907	CP137	-.4597	CP314	-.1681		
CP115	-.0108	CP138	-.4419	CP315	-.3299		
CP116	-.1668	CP139	-.1388	CP316	-.3429		
CP117	-1.3456	CP140	-.1618	CP317	-.2623		
CP118	-1.0467	CP141	-1.0470	CP318	-.1979		
CP119	-.7417	CP142	-.6368	CP319	-.2015		
CP120	-.5343	CP143	-.5589	CP320	-.2295		
CP121	-.4958	CP144	-.4711	CP321	-.1829		
CP122	-.3935	CP145	-.4181	CP322	-.2687		
CP123	-.3053	CP146	-.3696	CP323	-.3147		

TEST

16

RUN 25

TP 3110.

MACH .401

Q

10187.6

P1

90416.2

ALPHA 16.24

CP101	.3945	CP124	-.4003	CP301	-.2813	CP324	-.2887
CP102	.4586	CP125	-.3945	CP302	-.3035	CP325	-.3701
CP103	.4882	CP126	-.3555	CP303	-.2893	CP326	-.1592
CP104	-.1193	CP127	.0513	CP304	-.1714	CP327	-.1342
CP105	-.1180	CP128	-.0624	CP305	-.1685	CP328	-.1195
CP106	-.1176	CP129	-1.1570	CP306	-.1399		
CP107	-.1185	CP130	-.8418	CP307	-.0767		
CP108	-.1255	CP131	-.6250	CP308	-.3138		
CP109	-.1273	CP132	-.4758	CP309	-.3289		
CP110	-.1267	CP133	-.4152	CP310	-.2948		
CP111	-.2152	CP134	-.3689	CP311	-.1830		
CP112	-.3928	CP135	-.2349	CP312	-.1669		
CP113	-.2319	CP136	-.3968	CP313	-.1607		
CP114	-.2330	CP137	-.4006	CP314	-.1529		
CP115	.0853	CP138	-.3624	CP315	-.3199		
CP116	-.1163	CP139	.0076	CP316	-.3275		
CP117	-1.3879	CP140	-.0738	CP317	-.2806		
CP118	-1.1074	CP141	-1.0846	CP318	-.1853		
CP119	-.7996	CP142	-.6665	CP319	-.1624		
CP120	-.5443	CP143	-.5125	CP320	-.1329		
CP121	-.5072	CP144	-.4175	CP321	-.1279		
CP122	-.4028	CP145	-.3581	CP322	-.2817		
CP123	-.2272	CP146	-.3185	CP323	-.3132		

TEST

16

RUN 25

TP 3111.

MACH .400

Q

10153.5

P1

90459.7

ALPHA 20.31

CP101	.4518	CP124	-.3291	CP301	-.2559	CP324	-.3416
CP102	.5069	CP125	-.3154	CP302	-.2818	CP325	-.2911
CP103	.4643	CP126	-.2691	CP303	-.2782	CP326	-.1958
CP104	-.0762	CP127	.1747	CP304	-.1441	CP327	-.1371
CP105	-.0749	CP128	.0054	CP305	-.1207	CP328	-.1170
CP106	-.0769	CP129	-1.1164	CP306	-.1002		
CP107	-.0736	CP130	-.8459	CP307	-.0445		
CP108	-.0802	CP131	-.6225	CP308	-.2892		
CP109	-.0785	CP132	-.4537	CP309	-.2943		
CP110	-.0735	CP133	-.3841	CP310	-.2656		
CP111	-.1179	CP134	-.3523	CP311	-.1436		
CP112	-.3212	CP135	-.1414	CP312	-.1176		
CP113	-.2547	CP136	-.3182	CP313	-.1037		
CP114	-.1780	CP137	-.3230	CP314	-.1044		
CP115	.1797	CP138	-.2683	CP315	-.2800		
CP116	-.0451	CP139	.1521	CP316	-.2855		
CP117	-1.3087	CP140	.0116	CP317	-.2399		
CP118	-1.0380	CP141	-1.0518	CP318	-.1645		
CP119	-.7706	CP142	-.6766	CP319	-.1323		
CP120	-.5332	CP143	-.4814	CP320	-.1191		
CP121	-.4909	CP144	-.3644	CP321	-.1093		
CP122	-.3881	CP145	-.3150	CP322	-.2326		
CP123	-.1378	CP146	-.2721	CP323	-.2957		

TEST

16

RUN 26

TP 3113.

MACH .600

Q

19946.2

P1

79135.5

ALPHA -1.81

CP101	.2156	CP124	-.4019	CP301	-.2754	CP324	-.2840
CP102	.2920	CP125	-.4266	CP302	-.2877	CP325	-.3080
CP103	.4421	CP126	-.4354	CP303	-.3140	CP326	-.3227
CP104	-.2248	CP127	-.3724	CP304	-.3262	CP327	-.3264
CP105	-.2222	CP128	-.3314	CP305	-.3308	CP328	-.2812
CP106	-.2190	CP129	-.3051	CP306	-.3038		
CP107	-.2182	CP130	-.2792	CP307	-.2275		
CP108	-.2188	CP131	-.2710	CP308	-.2782		
CP109	-.2173	CP132	-.2692	CP309	-.2824		
CP110	-.2212	CP133	-.2668	CP310	-.2957		
CP111	-.4036	CP134	-.2699	CP311	-.3259		
CP112	-.4375	CP135	-.3438	CP312	-.3505		
CP113	-.4152	CP136	-.3743	CP313	-.3372		
CP114	-.4294	CP137	-.3973	CP314	-.2696		
CP115	-.3712	CP138	-.4497	CP315	-.2762		
CP116	-.3573	CP139	-.4168	CP316	-.2813		
CP117	-.4647	CP140	-.3784	CP317	-.2911		
CP118	-.3879	CP141	-.3536	CP318	-.3162		
CP119	-.3703	CP142	-.3176	CP319	-.3453		
CP120	-.3013	CP143	-.3069	CP320	-.3421		
CP121	-.2881	CP144	-.2961	CP321	-.2840		
CP122	-.2763	CP145	-.2880	CP322	-.2785		
CP123	-.3604	CP146	-.2822	CP323	-.2773		

TEST

16

RUN 26

TP 3114.

MACH .600

0

19952.1

P1

-79127.4

ALPHA .13

CP101	.2308	CP124	-.4085	CP301	-.2727	CP324	-.2739
CP102	.3058	CP125	-.4327	CP302	-.2814	CP325	-.2965
CP103	.3340	CP126	-.4306	CP303	-.3012	CP326	-.3163
CP104	-.2228	CP127	-.3680	CP304	-.3199	CP327	-.3079
CP105	-.2211	CP128	-.3152	CP305	-.3228	CP328	-.2746
CP106	-.2195	CP129	-.2828	CP306	-.2977		
CP107	-.2164	CP130	-.2619	CP307	-.2191		
CP108	-.2180	CP131	-.2619	CP308	-.2719		
CP109	-.2202	CP132	-.2581	CP309	-.2806		
CP110	-.2213	CP133	-.2592	CP310	-.2898		
CP111	-.4097	CP134	-.2607	CP311	-.3160		
CP112	-.4329	CP135	-.3464	CP312	-.3351		
CP113	-.4260	CP136	-.3727	CP313	-.3277		
CP114	-.4253	CP137	-.4034	CP314	-.2648		
CP115	-.3476	CP138	-.4417	CP315	-.2724		
CP116	-.3382	CP139	-.4026	CP316	-.2735		
CP117	-.5277	CP140	-.3532	CP317	-.2770		
CP118	-.4070	CP141	-.3142	CP318	-.3001		
CP119	-.3896	CP142	-.2911	CP319	-.3322		
CP120	-.3131	CP143	-.2871	CP320	-.3284		
CP121	-.2951	CP144	-.2832	CP321	-.2724		
CP122	-.2744	CP145	-.2761	CP322	-.2690		
CP123	-.3551	CP146	-.2718	CP323	-.2719		

TEST

16

RUN 26

TP 3115.

MACH .601

Q

19974.9

P1

79105.7

ALPHA 4.15

CP101	.2675	CP124	-.4166	CP301	-.2441	CP324	-.2604
CP102	.3497	CP125	-.4224	CP302	-.2525	CP325	-.2737
CP103	.2630	CP126	-.4242	CP303	-.2748	CP326	-.2917
CP104	-.2120	CP127	-.3642	CP304	-.2874	CP327	-.2976
CP105	-.2067	CP128	-.3030	CP305	-.3034	CP328	-.2555
CP106	-.2070	CP129	-.3200	CP306	-.2901		
CP107	-.2087	CP130	-.2727	CP307	-.2326		
CP108	-.2082	CP131	-.2666	CP308	-.2482		
CP109	-.2096	CP132	-.2589	CP309	-.2604		
CP110	-.2090	CP133	-.2509	CP310	-.2750		
CP111	-.3904	CP134	-.2428	CP311	-.2836		
CP112	-.4263	CP135	-.3189	CP312	-.3080		
CP113	-.4128	CP136	-.3817	CP313	-.3215		
CP114	-.3974	CP137	-.4155	CP314	-.2677		
CP115	-.2678	CP138	-.4265	CP315	-.2577		
CP116	-.2760	CP139	-.3839	CP316	-.2634		
CP117	-.5727	CP140	-.3147	CP317	-.2636		
CP118	-.4463	CP141	-.2611	CP318	-.2613		
CP119	-.4067	CP142	-.2428	CP319	-.2957		
CP120	-.3258	CP143	-.2410	CP320	-.3203		
CP121	-.2942	CP144	-.2391	CP321	-.2711		
CP122	-.2717	CP145	-.2385	CP322	-.2476		
CP123	-.3274	CP146	-.2430	CP323	-.2494		

TEST

16

RUN 26

TP 3116.

MACH .600

Q

19961.2

P1

79116.3

ALPHA 6.30

CP101	.3066	CP124	-.4696	CP301	-.2510	CP324	-.2341
CP102	.3899	CP125	-.4688	CP302	-.2305	CP325	-.2339
CP103	.2430	CP126	-.4533	CP303	-.2206	CP326	-.2437
CP104	-.2109	CP127	-.2711	CP304	-.2375	CP327	-.2536
CP105	-.2101	CP128	-.2158	CP305	-.2607	CP328	-.2381
CP106	-.2084	CP129	-.6725	CP306	-.2624		
CP107	-.2048	CP130	-.4600	CP307	-.2260		
CP108	-.2061	CP131	-.4096	CP308	-.2578		
CP109	-.2068	CP132	-.3553	CP309	-.2375		
CP110	-.2098	CP133	-.3190	CP310	-.2227		
CP111	-.3666	CP134	-.2868	CP311	-.2312		
CP112	-.4662	CP135	-.3433	CP312	-.2560		
CP113	-.4372	CP136	-.4573	CP313	-.2806		
CP114	-.3737	CP137	-.4718	CP314	-.2506		
CP115	-.1288	CP138	-.4681	CP315	-.2530		
CP116	-.1826	CP139	-.3306	CP316	-.2505		
CP117	-.9725	CP140	-.2693	CP317	-.2291		
CP118	-.7390	CP141	-.6792	CP318	-.2254		
CP119	-.5338	CP142	-.3828	CP319	-.2432		
CP120	-.3649	CP143	-.3522	CP320	-.2788		
CP121	-.3597	CP144	-.3217	CP321	-.2506		
CP122	-.3003	CP145	-.2968	CP322	-.2141		
CP123	-.3443	CP146	-.2654	CP323	-.2288		

TEST

16

RUN 26

TP 3117.

MACH .600

Q

19965.6

P1

79128.1

ALPHA 12.43

CP101	.3581	CP124	-.4602	CP301	-.3108	CP324	-.2581
CP102	.4409	CP125	-.4598	CP302	-.3099	CP325	-.2101
CP103	.2622	CP126	-.4380	CP303	-.2429	CP326	-.1803
CP104	-.1703	CP127	-.1386	CP304	-.2177	CP327	-.1988
CP105	-.1724	CP128	-.1194	CP305	-.2436	CP328	-.2202
CP106	-.1679	CP129	-.9544	CP306	-.2117		
CP107	-.1687	CP130	-.7643	CP307	-.1497		
CP108	-.1692	CP131	-.5732	CP308	-.3125		
CP109	-.1705	CP132	-.4344	CP309	-.3136		
CP110	-.1706	CP133	-.3836	CP310	-.2464		
CP111	-.2788	CP134	-.3448	CP311	-.2150		
CP112	-.4580	CP135	-.3283	CP312	-.2311		
CP113	-.4002	CP136	-.4577	CP313	-.2335		
CP114	-.3121	CP137	-.4692	CP314	-.2103		
CP115	-.0095	CP138	-.4515	CP315	-.3122		
CP116	-.0545	CP139	-.1945	CP316	-.3092		
CP117	-.9587	CP140	-.1578	CP317	-.2532		
CP118	-1.0257	CP141	-.9680	CP318	-.2074		
CP119	-.7846	CP142	-.5862	CP319	-.1930		
CP120	-.5189	CP143	-.5057	CP320	-.2170		
CP121	-.4863	CP144	-.4205	CP321	-.2220		
CP122	-.3896	CP145	-.3740	CP322	-.2714		
CP123	-.3115	CP146	-.3369	CP323	-.3027		

TEST

16

RUN 26

TP 3118.

MACH .601

Q

19991.7

P1

79128.7

ALPHA 16.55

CP101	.4176	CP124	-.4022	CP301	-.2775	CP324	-.2655
CP102	.4916	CP125	-.3982	CP302	-.2845	CP325	-.2051
CP103	.3154	CP126	-.3658	CP303	-.2602	CP326	-.1633
CP104	-.1233	CP127	-.0029	CP304	-.1949	CP327	-.1693
CP105	-.1242	CP128	-.0086	CP305	-.1966	CP328	-.1777
CP106	-.1233	CP129	-.9150	CP306	-.1836		
CP107	-.1233	CP130	-.8833	CP307	-.1226		
CP108	-.1248	CP131	-.7015	CP308	-.2933		
CP109	-.1243	CP132	-.4608	CP309	-.2925		
CP110	-.1263	CP133	-.4085	CP310	-.2566		
CP111	-.2087	CP134	-.3511	CP311	-.1869		
CP112	-.3942	CP135	-.2592	CP312	-.1748		
CP113	-.3338	CP136	-.3865	CP313	-.2016		
CP114	-.2327	CP137	-.4045	CP314	-.1742		
CP115	.1001	CP138	-.3711	CP315	-.2895		
CP116	.0331	CP139	-.0452	CP316	-.2823		
CP117	-.9209	CP140	-.0399	CP317	-.2443		
CP118	-1.1007	CP141	-.9859	CP318	-.1820		
CP119	-.8515	CP142	-.7457	CP319	-.1580		
CP120	-.5501	CP143	-.5737	CP320	-.1757		
CP121	-.5143	CP144	-.3931	CP321	-.1909		
CP122	-.3924	CP145	-.3526	CP322	-.2763		
CP123	-.2333	CP146	-.3114	CP323	-.2944		

TEST

16

RUN 26

TP 3119.

MACH .601

Q

19979.6

P1

79149.0

ALPHA 17.61

CP101	.4334	CP124	-.3831	CP301	-.2646	CP324	-.2920
CP102	.5084	CP125	-.3837	CP302	-.2767	CP325	-.1897
CP103	.3533	CP126	-.3472	CP303	-.2646	CP326	-.1515
CP104	-.1110	CP127	.0398	CP304	-.1879	CP327	-.1503
CP105	-.1105	CP128	.0241	CP305	-.1747	CP328	-.1550
CP106	-.1127	CP129	-.9062	CP306	-.1732		
CP107	-.1139	CP130	-.9129	CP307	-.1174		
CP108	-.1150	CP131	-.7179	CP308	-.2860		
CP109	-.1128	CP132	-.4611	CP309	-.2818		
CP110	-.1134	CP133	-.4144	CP310	-.2520		
CP111	-.1854	CP134	-.3471	CP311	-.1833		
CP112	-.3789	CP135	-.2335	CP312	-.1619		
CP113	-.3189	CP136	-.3748	CP313	-.1874		
CP114	-.2196	CP137	-.3872	CP314	-.1661		
CP115	.1240	CP138	-.3494	CP315	-.2878		
CP116	.0544	CP139	.0142	CP316	-.2773		
CP117	-.9153	CP140	-.0033	CP317	-.2458		
CP118	-1.1051	CP141	-.9766	CP318	-.1763		
CP119	-.8604	CP142	-.7536	CP319	-.1497		
CP120	-.5490	CP143	-.5842	CP320	-.1512		
CP121	-.5153	CP144	-.3855	CP321	-.1812		
CP122	-.3916	CP145	-.3501	CP322	-.2709		
CP123	-.2130	CP146	-.3000	CP323	-.2950		

TEST

16

RUN 27

TP 3130.

MACH .699

Q

24895.8

P1

72757.9

ALPHA -2.01

CP101	-.0190	CP124	.3141	CP301	-.2884	CP324	-.2184
CP102	-.0065	CP125	.2951	CP302	-.2258	CP325	-.1920
CP103	-.0082	CP126	.1328	CP303	-.2176	CP326	-.1943
CP104	-.0011	CP127	-.0996	CP304	-.1847	CP327	-.1916
CP105	.0365	CP128	-.3486	CP305	-.1827	CP328	-.1869
CP106	.0102	CP129	-1.0461	CP306	-.1824		
CP107	.0307	CP130	-1.0045	CP307	-.1843		
CP108	.0056	CP131	-.8916	CP308	-.3568		
CP109	.0283	CP132	-.4920	CP309	-.2442		
CP110	.0215	CP133	-.4670	CP310	-.2219		
CP111	.2339	CP134	-.3172	CP311	-.1821		
CP112	.2978	CP135	.2807	CP312	-.1717		
CP113	.2821	CP136	.3141	CP313	-.1841		
CP114	.1095	CP137	.2931	CP314	-.1989		
CP115	-.1019	CP138	.0898	CP315	-.3689		
CP116	-.3426	CP139	-.1038	CP316	-.2528		
CP117	-1.0321	CP140	-.3744	CP317	-.2054		
CP118	-.9583	CP141	-1.1376	CP318	-.1854		
CP119	-.9098	CP142	-.9737	CP319	-.1745		
CP120	-.5466	CP143	-.9986	CP320	-.1810		
CP121	-.4821	CP144	-.4622	CP321	-.1940		
CP122	-.3019	CP145	-.4228	CP322	-.2655		
CP123	.2729	CP146	-.3911	CP323	-.2780		

TEST

16

RUN 27

TP 3131.

MACH .700

Q

-24950.4

P1

72697.2

ALPHA -.02

CP101	-.0024	CP124	.3391	CP301	-.2762	CP324	-.2154
CP102	.0141	CP125	.3205	CP302	-.2256	CP325	-.1932
CP103	.0110	CP126	.1559	CP303	-.2079	CP326	-.1862
CP104	.0200	CP127	-.0764	CP304	-.1908	CP327	-.1768
CP105	.0586	CP128	-.3295	CP305	-.1796	CP328	-.1784
CP106	.0309	CP129	-1.0272	CP306	-.1837		
CP107	.0531	CP130	-.9518	CP307	-.1791		
CP108	.0277	CP131	-.9660	CP308	-.2319		
CP109	.0539	CP132	-.5208	CP309	-.2259		
CP110	.0478	CP133	-.4181	CP310	-.2074		
CP111	.2590	CP134	-.3819	CP311	-.1828		
CP112	.3305	CP135	.3085	CP312	-.1936		
CP113	.3108	CP136	.3442	CP313	-.1858		
CP114	.1365	CP137	.3205	CP314	-.1976		
CP115	-.0814	CP138	.1127	CP315	-.2126		
CP116	-.3246	CP139	-.0805	CP316	-.2512		
CP117	-1.0189	CP140	-.3488	CP317	-.2075		
CP118	-.8689	CP141	-1.1148	CP318	-.2030		
CP119	-.9225	CP142	-.9562	CP319	-.1682		
CP120	-.4948	CP143	-.9371	CP320	-.1874		
CP121	-.4788	CP144	-.5339	CP321	-.1908		
CP122	-.2681	CP145	-.4447	CP322	-.2349		
CP123	.2947	CP146	-.4035	CP323	-.2468		

TEST

16

RUN 27

TP 3132.

MACH .700

Q

24921.1

P1

72741.9

ALPHA 4.11

CP101	.0370	CP124	.3980	CP301	-.3096	CP324	-.2218
CP102	.0533	CP125	.3757	CP302	-.2360	CP325	-.1916
CP103	.0478	CP126	.2089	CP303	-.2295	CP326	-.1746
CP104	.0596	CP127	-.0323	CP304	-.1967	CP327	-.2083
CP105	.0989	CP128	-.2817	CP305	-.1877	CP328	-.1800
CP106	.0719	CP129	-.9990	CP306	-.1712		
CP107	.0921	CP130	-1.0738	CP307	-.1739		
CP108	.0690	CP131	-1.0924	CP308	-.3374		
CP109	.0930	CP132	-.6094	CP309	-.2327		
CP110	.0855	CP133	-.4600	CP310	-.2166		
CP111	.3038	CP134	-.3991	CP311	-.1948		
CP112	.3801	CP135	.3626	CP312	-.1566		
CP113	.3635	CP136	.4001	CP313	-.1643		
CP114	.1842	CP137	.3798	CP314	-.1866		
CP115	-.0454	CP138	.1709	CP315	-.2933		
CP116	-.2862	CP139	-.0340	CP316	-.2534		
CP117	-.9922	CP140	-.3038	CP317	-.2114		
CP118	-1.0095	CP141	-1.0892	CP318	-.1911		
CP119	-.9222	CP142	-1.0065	CP319	-.1758		
CP120	-.4957	CP143	-1.0393	CP320	-.1898		
CP121	-.5149	CP144	-.5897	CP321	-.1806		
CP122	-.3724	CP145	-.4583	CP322	-.3115		
CP123	.3486	CP146	-.3488	CP323	-.2508		

TEST

16

RUN 27

TP 3133.

MACH .700

Q -24929.9

P1

72723.1

ALPHA 8.33

CP101	.0852	CP124	.4556	CP301	-.3079	CP324	-.2783
CP102	.1024	CP125	.4301	CP302	-.2363	CP325	-.3078
CP103	.1000	CP126	.2631	CP303	-.2398	CP326	-.1957
CP104	.1101	CP127	.0184	CP304	-.2143	CP327	-.1603
CP105	.1510	CP128	-.2326	CP305	-.1517	CP328	-.1635
CP106	.1259	CP129	-.9612	CP306	-.1655		
CP107	.1445	CP130	-1.1084	CP307	-.1697		
CP108	.1165	CP131	-1.1329	CP308	-.3175		
CP109	.1441	CP132	-.6304	CP309	-.2392		
CP110	.1315	CP133	-.5259	CP310	-.2443		
CP111	.3516	CP134	-.4369	CP311	-.2111		
CP112	.4403	CP135	.4201	CP312	-.1553		
CP113	.4139	CP136	.4562	CP313	-.1601		
CP114	.2428	CP137	.4324	CP314	-.1853		
CP115	.0049	CP138	.2322	CP315	-.3100		
CP116	-.2350	CP139	.0176	CP316	-.2508		
CP117	-.9568	CP140	-.2542	CP317	-.2376		
CP118	-1.0730	CP141	-1.0525	CP318	-.2138		
CP119	-1.0533	CP142	-1.1042	CP319	-.1669		
CP120	-.6361	CP143	-1.1369	CP320	-.1689		
CP121	-.5756	CP144	-.6069	CP321	-.1845		
CP122	-.4346	CP145	-.5230	CP322	-.3258		
CP123	.4054	CP146	-.4190	CP323	-.2398		

TEST

16

RUN 28

TP 3136.

MACH .599

Q

-19898.9

P1

79120.2

ALPHA -1.95

CP101	-.0210	CP124	.2764	CP301	-.1969	CP324	-.2351
CP102	-.0092	CP125	.2462	CP302	-.2062	CP325	-.2542
CP103	-.0154	CP126	.0809	CP303	-.2403	CP326	-.2491
CP104	-.0058	CP127	-.1782	CP304	-.2601	CP327	-.2362
CP105	.0246	CP128	-.4748	CP305	-.2564	CP328	-.2132
CP106	.0043	CP129	-1.4058	CP306	-.2300		
CP107	.0203	CP130	-.9627	CP307	-.1959		
CP108	-.0005	CP131	-.9266	CP308	-.1984		
CP109	.0236	CP132	-.4027	CP309	-.2105		
CP110	.0171	CP133	-.3176	CP310	-.2375		
CP111	.2065	CP134	-.2279	CP311	-.2596		
CP112	.2625	CP135	.2486	CP312	-.2503		
CP113	.2383	CP136	.2756	CP313	-.2302		
CP114	.0633	CP137	.2456	CP314	-.2028		
CP115	-.1738	CP138	.0322	CP315	-.1954		
CP116	-.4654	CP139	-.1944	CP316	-.2179		
CP117	-1.3905	CP140	-.5072	CP317	-.2387		
CP118	-.9481	CP141	-1.5189	CP318	-.2581		
CP119	-.8843	CP142	-.9639	CP319	-.2509		
CP120	-.4066	CP143	-.9271	CP320	-.2354		
CP121	-.3496	CP144	-.3784	CP321	-.2179		
CP122	-.2212	CP145	-.3150	CP322	-.1987		
CP123	.2421	CP146	-.2270	CP323	-.2120		

TEST

16

RUN 28

TP 3137.

MACH .600

Q

19938.9

P1

79069.7

ALPHA .01

CP101	-.0045	CP124	.3005	CP301	-.3269	CP324	-.2029
CP102	.0077	CP125	.2699	CP302	-.2328	CP325	-.1845
CP103	.0057	CP126	.1011	CP303	-.2202	CP326	-.1674
CP104	.0130	CP127	-.1574	CP304	-.1976	CP327	-.1967
CP105	.0467	CP128	-.4550	CP305	-.1811	CP328	-.2162
CP106	.0245	CP129	-1.3911	CP306	-.1694		
CP107	.0417	CP130	-.9761	CP307	-.1713		
CP108	.0206	CP131	-.9386	CP308	-.4341		
CP109	.0415	CP132	-.4056	CP309	-.2567		
CP110	.0375	CP133	-.3273	CP310	-.2085		
CP111	.2288	CP134	-.2300	CP311	-.1984		
CP112	.2865	CP135	.2740	CP312	-.1640		
CP113	.2612	CP136	.3024	CP313	-.1579		
CP114	.0832	CP137	.2718	CP314	-.1831		
CP115	-.1593	CP138	.0576	CP315	-.4016		
CP116	-.4503	CP139	-.1710	CP316	-.3444		
CP117	-1.3845	CP140	-.4860	CP317	-.1996		
CP118	-1.1685	CP141	-1.5009	CP318	-.1892		
CP119	-1.1362	CP142	-.9572	CP319	-.1640		
CP120	-.6195	CP143	-.9183	CP320	-.1606		
CP121	-.5594	CP144	-.3817	CP321	-.1744		
CP122	-.4143	CP145	-.3274	CP322	-.3442		
CP123	.2642	CP146	-.2337	CP323	-.2899		

TEST

16

RUN 28

TP 3138.

MACH .600

Q

19924.1

P1

79087.6

ALPHA 4.07

CP101	.0332	CP124	.3542	CP301	-.2957	CP324	-.2169
CP102	.0479	CP125	.3216	CP302	-.2394	CP325	-.1944
CP103	.0438	CP126	.1540	CP303	-.2224	CP326	-.1872
CP104	.0528	CP127	-.1160	CP304	-.2006	CP327	-.1590
CP105	.0890	CP128	-.4129	CP305	-.1748	CP328	-.1674
CP106	.0664	CP129	-1.3687	CP306	-.1570		
CP107	.0834	CP130	-1.3051	CP307	-.1668		
CP108	.0583	CP131	-1.2496	CP308	-.4462		
CP109	.0837	CP132	-.6731	CP309	-.2293		
CP110	.0777	CP133	-.5820	CP310	-.2102		
CP111	.2729	CP134	-.4692	CP311	-.1990		
CP112	.3453	CP135	.3261	CP312	-.1580		
CP113	.3136	CP136	.3550	CP313	-.1495		
CP114	.1317	CP137	.3236	CP314	-.1776		
CP115	-.1175	CP138	.1111	CP315	-.4212		
CP116	-.4086	CP139	-.1250	CP316	-.3257		
CP117	-1.3576	CP140	-.4416	CP317	-.1972		
CP118	-1.1990	CP141	-1.4821	CP318	-.1929		
CP119	-1.1614	CP142	-1.3146	CP319	-.1581		
CP120	-.6349	CP143	-1.3026	CP320	-.1523		
CP121	-.5832	CP144	-.6512	CP321	-.1713		
CP122	-.4280	CP145	-.5830	CP322	-.3515		
CP123	.3132	CP146	-.4436	CP323	-.2803		

TEST

16

RUN 28

TP 3139.

MACH .600

Q

19905.0

P1

79103.1

ALPHA 8.23

CP101	.0839	CP124	.4140	CP301	-.2881	CP324	-.2617
CP102	.1014	CP125	.3792	CP302	-.2386	CP325	-.2873
CP103	.0972	CP126	.2067	CP303	-.2398	CP326	-.1976
CP104	.1080	CP127	-.0646	CP304	-.2002	CP327	-.1584
CP105	.1416	CP128	-.3588	CP305	-.1691	CP328	-.1603
CP106	.1213	CP129	-1.3355	CP306	-.1604		
CP107	.1383	CP130	-1.2881	CP307	-.1709		
CP108	.1124	CP131	-1.2924	CP308	-.3791		
CP109	.1348	CP132	-.6218	CP309	-.2311		
CP110	.1244	CP133	-.5586	CP310	-.2219		
CP111	.3240	CP134	-.4119	CP311	-.2069		
CP112	.4003	CP135	.3831	CP312	-.1615		
CP113	.3691	CP136	.4135	CP313	-.1549		
CP114	.1952	CP137	.3801	CP314	-.1793		
CP115	-.0625	CP138	.1691	CP315	-.4352		
CP116	-.3533	CP139	-.0725	CP316	-.2800		
CP117	-1.3200	CP140	-.3926	CP317	-.2046		
CP118	-1.2238	CP141	-1.4459	CP318	-.2054		
CP119	-1.2008	CP142	-1.2770	CP319	-.1824		
CP120	-.6466	CP143	-1.2071	CP320	-.1687		
CP121	-.5967	CP144	-.6071	CP321	-.1750		
CP122	-.4405	CP145	-.5338	CP322	-.3539		
CP123	.3722	CP146	-.4404	CP323	-.2422		

TEST

16

RUN 28

TP 3140.

MACH .600

Q

19955.7

P1

79069.1

ALPHA 12.39

CP101	.1496	CP124	.4745	CP301	-.3250	CP324	-.2669
CP102	.1632	CP125	.4338	CP302	-.2647	CP325	-.4229
CP103	.1618	CP126	.2656	CP303	-.2194	CP326	-.2956
CP104	.1705	CP127	.0015	CP304	-.1972	CP327	-.1918
CP105	.2064	CP128	-.2951	CP305	-.1757	CP328	-.1691
CP106	.1823	CP129	-1.2842	CP306	-.1733		
CP107	.1989	CP130	-1.2738	CP307	-.1725		
CP108	.1729	CP131	-1.2339	CP308	-.3115		
CP109	.1954	CP132	-.6238	CP309	-.2588		
CP110	.1785	CP133	-.5278	CP310	-.2150		
CP111	.3733	CP134	-.3927	CP311	-.2001		
CP112	.4589	CP135	.4422	CP312	-.1742		
CP113	.4213	CP136	.4739	CP313	-.1731		
CP114	.2632	CP137	.4368	CP314	-.1724		
CP115	.0044	CP138	.2343	CP315	-.3328		
CP116	-.2819	CP139	-.0076	CP316	-.2507		
CP117	-1.2660	CP140	-.3253	CP317	-.2186		
CP118	-1.2277	CP141	-1.3987	CP318	-.2057		
CP119	-1.1816	CP142	-1.3133	CP319	-.1845		
CP120	-.6062	CP143	-1.2215	CP320	-.1915		
CP121	-.5834	CP144	-.5828	CP321	-.1928		
CP122	-.3975	CP145	-.5344	CP322	-.2885		
CP123	.4318	CP146	-.3916	CP323	-.2425		

TEST

16

RUN 28

TP 3141.

MACH .601

Q

19982.5

P1

79056.6

ALPHA 16.55

CP101	.2170	CP124	.5331	CP301	-.3052	CP324	-.2781
CP102	.2360	CP125	.4934	CP302	-.2580	CP325	-.5663
CP103	.2334	CP126	.3311	CP303	-.2265	CP326	-.3392
CP104	.2437	CP127	.0698	CP304	-.2000	CP327	-.1398
CP105	.2754	CP128	-.2237	CP305	-.1764	CP328	-.1463
CP106	.2546	CP129	-1.2362	CP306	-.1541		
CP107	.2703	CP130	-1.3453	CP307	-.1518		
CP108	.2371	CP131	-1.2680	CP308	-.2736		
CP109	.2607	CP132	-.6236	CP309	-.2565		
CP110	.2314	CP133	-.5362	CP310	-.2272		
CP111	.4253	CP134	-.4055	CP311	-.1947		
CP112	.5168	CP135	.5049	CP312	-.1620		
CP113	.4683	CP136	.5311	CP313	-.1641		
CP114	.3255	CP137	.4927	CP314	-.1673		
CP115	.0685	CP138	.3016	CP315	-.2738		
CP116	-.2205	CP139	.0608	CP316	-.2478		
CP117	-1.2167	CP140	-.2532	CP317	-.2316		
CP118	-1.2901	CP141	-1.3463	CP318	-.2123		
CP119	-1.2209	CP142	-1.3426	CP319	-.1912		
CP120	-.6426	CP143	-1.2655	CP320	-.1951		
CP121	-.6054	CP144	-.5845	CP321	-.1798		
CP122	-.4371	CP145	-.5463	CP322	-.3158		
CP123	.4871	CP146	-.3670	CP323	-.2342		

TEST

16

RUN 28

TP 3142.

MACH .599

Q

19911.1

P1

79146.0

ALPHA 17.54

CP101	.2368	CP124	.5450	CP301	-.2770	CP324	-.2973
CP102	.2514	CP125	.5032	CP302	-.2565	CP325	-.6266
CP103	.2489	CP126	.3495	CP303	-.2202	CP326	-.2883
CP104	.2601	CP127	.0874	CP304	-.1997	CP327	-.1576
CP105	.2930	CP128	-.2084	CP305	-.1523	CP328	-.1426
CP106	.2707	CP129	-1.2311	CP306	-.1520		
CP107	.2840	CP130	-1.3178	CP307	-.1332		
CP108	.2557	CP131	-1.2531	CP308	-.2557		
CP109	.2803	CP132	-.6250	CP309	-.2503		
CP110	.2489	CP133	-.5365	CP310	-.2288		
CP111	.4335	CP134	-.4084	CP311	-.2190		
CP112	.5267	CP135	.5167	CP312	-.1677		
CP113	.4805	CP136	.5476	CP313	-.1511		
CP114	.3402	CP137	.5063	CP314	-.1616		
CP115	.0817	CP138	.3161	CP315	-.3654		
CP116	-.2028	CP139	.0761	CP316	-.2418		
CP117	-1.2141	CP140	-.2399	CP317	-.2270		
CP118	-1.2561	CP141	-1.3402	CP318	-.2127		
CP119	-1.1933	CP142	-1.3724	CP319	-.1955		
CP120	-.6072	CP143	-1.2885	CP320	-.1808		
CP121	-.5702	CP144	-.5638	CP321	-.1619		
CP122	-.4313	CP145	-.5676	CP322	-.3012		
CP123	.5028	CP146	-.3503	CP323	-.2405		

2-3

TEST

16

RUN 28

TP 3141.

MACH .601

Q

19982.5

P1

79056.6

ALPHA 16.55

CP101	.2170	CP124	.5331	CP301	-.3052	CP324	-.2781
CP102	.2360	CP125	.4934	CP302	-.2580	CP325	-.5663
CP103	.2334	CP126	.3311	CP303	-.2265	CP326	-.3392
CP104	.2437	CP127	.0698	CP304	-.2000	CP327	-.1398
CP105	.2754	CP128	-.2237	CP305	-.1764	CP328	-.1463
CP106	.2546	CP129	-1.2362	CP306	-.1541		
CP107	.2703	CP130	-1.3453	CP307	-.1518		
CP108	.2371	CP131	-1.2680	CP308	-.2736		
CP109	.2607	CP132	-.6236	CP309	-.2565		
CP110	.2314	CP133	-.5362	CP310	-.2272		
CP111	.4253	CP134	-.4055	CP311	-.1947		
CP112	.5168	CP135	.5049	CP312	-.1620		
CP113	.4683	CP136	.5311	CP313	-.1641		
CP114	.3255	CP137	.4927	CP314	-.1673		
CP115	.0685	CP138	.3016	CP315	-.2738		
CP116	-.2205	CP139	.0608	CP316	-.2478		
CP117	-1.2167	CP140	-.2532	CP317	-.2316		
CP118	-1.2901	CP141	-1.3463	CP318	-.2123		
CP119	-1.2209	CP142	-1.3426	CP319	-.1912		
CP120	-.6426	CP143	-1.2655	CP320	-.1951		
CP121	-.6054	CP144	-.5845	CP321	-.1798		
CP122	-.4371	CP145	-.5463	CP322	-.3158		
CP123	.4871	CP146	-.3670	CP323	-.2342		

TEST

16

RUN 29

TP 3145.

MACH .401

Q

10155.2

P1

90379.0

ALPHA -1.91

CP101	-.0432	CP124	.1990	CP301	-.2887	CP324	-.2706
CP102	-.0301	CP125	.1387	CP302	-.3155	CP325	-.2318
CP103	-.0331	CP126	-.0390	CP303	-.3041	CP326	-.1792
CP104	-.0226	CP127	-.3900	CP304	-.2140	CP327	-.1435
CP105	.0096	CP128	-.8942	CP305	-.1516	CP328	-.1263
CP106	-.0076	CP129	-2.5842	CP306	-.1383		
CP107	.0077	CP130	-2.0124	CP307	-.1273		
CP108	-.0124	CP131	-1.3864	CP308	-.5412		
CP109	.0078	CP132	-.8848	CP309	-.2957		
CP110	.0001	CP133	-.7594	CP310	-.2643		
CP111	.1588	CP134	-.5992	CP311	-.2059		
CP112	.1955	CP135	.1946	CP312	-.1477		
CP113	.1407	CP136	.2080	CP313	-.1343		
CP114	-.0369	CP137	.1499	CP314	-.1505		
CP115	-.3181	CP138	-.0774	CP315	-.2731		
CP116	-.8459	CP139	-.3787	CP316	-.4195		
CP117	-2.4690	CP140	-.8548	CP317	-.2452		
CP118	-1.8531	CP141	-2.3174	CP318	-.2129		
CP119	-1.2901	CP142	-1.5725	CP319	-.1658		
CP120	-.8091	CP143	-1.1152	CP320	-.1473		
CP121	-.7424	CP144	-.6840	CP321	-.1444		
CP122	-.5587	CP145	-.6147	CP322	-.4552		
CP123	.1834	CP146	-.4426	CP323	-.3632		

TEST

16

RUN 29

TP 3146.

MACH .401

Q

10179.4

P1

90350.2

ALPHA .02

CP101	-.0117	CP124	.2266	CP301	-.2533	CP324	-.2596
CP102	-.0030	CP125	.1670	CP302	-.2996	CP325	-.2243
CP103	-.0088	CP126	-.0114	CP303	-.3014	CP326	-.1728
CP104	-.0033	CP127	-.3654	CP304	-.2169	CP327	-.1347
CP105	.0279	CP128	-.8708	CP305	-.1516	CP328	-.1142
CP106	.0093	CP129	-2.5690	CP306	-.1361		
CP107	.0225	CP130	-2.0157	CP307	-.1272		
CP108	.0034	CP131	-1.3865	CP308	-.5497		
CP109	.0233	CP132	-.8816	CP309	-.2848		
CP110	.0174	CP133	-.7604	CP310	-.2714		
CP111	.1747	CP134	-.5979	CP311	-.2180		
CP112	.2189	CP135	.2170	CP312	-.1472		
CP113	.1641	CP136	.2265	CP313	-.1279		
CP114	-.0215	CP137	.1697	CP314	-.1341		
CP115	-.3504	CP138	-.0533	CP315	-.5511		
CP116	-.8286	CP139	-.3622	CP316	-.4000		
CP117	-2.4541	CP140	-.8285	CP317	-.2360		
CP118	-1.8644	CP141	-2.2432	CP318	-.2064		
CP119	-1.2895	CP142	-1.5249	CP319	-.1639		
CP120	-.8092	CP143	-1.0985	CP320	-.1413		
CP121	-.7447	CP144	-.6754	CP321	-.1381		
CP122	-.5571	CP145	-.5807	CP322	-.4480		
CP123	.2073	CP146	-.4278	CP323	-.3412		

TEST

16

RUN 29

TP 3147.

MACH .400

Q

.10146.4

P1

90380.7

ALPHA 4.01

CP101	.0234	CP124	.2778	CP301	-.2310	CP324	-.2766
CP102	.0350	CP125	.2158	CP302	-.3015	CP325	-.2312
CP103	.0331	CP126	.0366	CP303	-.3063	CP326	-.1808
CP104	.0410	CP127	-.3220	CP304	-.2255	CP327	-.1370
CP105	.0688	CP128	-.8256	CP305	-.1443	CP328	-.1076
CP106	.0515	CP129	-2.5442	CP306	-.1271		
CP107	.0651	CP130	-2.0071	CP307	-.1100		
CP108	.0466	CP131	-1.3569	CP308	-.4558		
CP109	.0684	CP132	-.8786	CP309	-.2715		
CP110	.0610	CP133	-.7621	CP310	-.2908		
CP111	.2245	CP134	-.5965	CP311	-.2194		
CP112	.2740	CP135	.2645	CP312	-.1402		
CP113	.2144	CP136	.2791	CP313	-.1192		
CP114	.0246	CP137	.2220	CP314	-.1173		
CP115	-.3083	CP138	-.0005	CP315	-.5545		
CP116	-.7898	CP139	-.3138	CP316	-.3668		
CP117	-2.4504	CP140	-.7816	CP317	-.2269		
CP118	-1.8917	CP141	-2.1942	CP318	-.2049		
CP119	-1.2858	CP142	-1.4906	CP319	-.1593		
CP120	-.8198	CP143	-1.0254	CP320	-.1289		
CP121	-.7530	CP144	-.6370	CP321	-.1265		
CP122	-.5648	CP145	-.5486	CP322	-.4472		
CP123	.2569	CP146	-.4082	CP323	-.3285		

TEST

16

RUN 29

TP 3148.

MACH .401

Q

10177.3

P1

90344.8

ALPHA 8.09

CP101	.0714	CP124	.3334	CP301	-.2441	CP324	-.3301
CP102	.0830	CP125	.2701	CP302	-.3104	CP325	-.3027
CP103	.0801	CP126	.0869	CP303	-.3096	CP326	-.2051
CP104	.0898	CP127	-.2650	CP304	-.2296	CP327	-.1477
CP105	.1237	CP128	-.7768	CP305	-.1490	CP328	-.1098
CP106	.0993	CP129	-2.5375	CP306	-.1207		
CP107	.1186	CP130	-2.0280	CP307	-.1014		
CP108	.0991	CP131	-1.3469	CP308	-.4229		
CP109	.1211	CP132	-.8745	CP309	-.2724		
CP110	.1107	CP133	-.7598	CP310	-.2801		
CP111	.2748	CP134	-.5966	CP311	-.2082		
CP112	.3393	CP135	.3204	CP312	-.1364		
CP113	.2758	CP136	.3336	CP313	-.1043		
CP114	.0887	CP137	.2805	CP314	-.0987		
CP115	-.2509	CP138	.0569	CP315	-.5513		
CP116	-.7321	CP139	-.2547	CP316	-.3296		
CP117	-2.4412	CP140	-.7167	CP317	-.2248		
CP118	-1.9108	CP141	-2.1228	CP318	-.2004		
CP119	-1.2767	CP142	-1.4629	CP319	-.1636		
CP120	-.8334	CP143	-.9913	CP320	-.1351		
CP121	-.7780	CP144	-.6118	CP321	-.1181		
CP122	-.5833	CP145	-.5476	CP322	-.4536		
CP123	.3078	CP146	-.4067	CP323	-.3182		

TEST

16

RUN 29

TP 3149.

MACH .400

Q

10114.2

P1

90427.7

ALPHA 12.19

CP101	.1365	CP124	.3944	CP301	-.2739	CP324	-.3139
CP102	.1470	CP125	.3322	CP302	-.3024	CP325	-.5402
CP103	.1478	CP126	.1527	CP303	-.2914	CP326	-.2583
CP104	.1517	CP127	-.1954	CP304	-.2136	CP327	-.1501
CP105	.1832	CP128	-.7007	CP305	-.1381	CP328	-.1018
CP106	.1636	CP129	-2.4594	CP306	-.1037		
CP107	.1777	CP130	-1.9960	CP307	-.0892		
CP108	.1549	CP131	-1.2866	CP308	-.4215		
CP109	.1724	CP132	-.8512	CP309	-.2781		
CP110	.1524	CP133	-.7404	CP310	-.2777		
CP111	.3188	CP134	-.5788	CP311	-.2077		
CP112	.3933	CP135	.3787	CP312	-.1334		
CP113	.3268	CP136	.3977	CP313	-.1012		
CP114	.1527	CP137	.3381	CP314	-.1009		
CP115	-.1913	CP138	.1227	CP315	-.5634		
CP116	-.6791	CP139	-.1944	CP316	-.3126		
CP117	-2.4299	CP140	-.6703	CP317	-.2162		
CP118	-1.9479	CP141	-2.1381	CP318	-.1979		
CP119	-1.2504	CP142	-1.4986	CP319	-.1728		
CP120	-.8329	CP143	-.9877	CP320	-.1630		
CP121	-.7692	CP144	-.6328	CP321	-.1145		
CP122	-.5724	CP145	-.5533	CP322	-.4399		
CP123	.3707	CP146	-.4238	CP323	-.3082		

TEST

16

RUN 29

TF 3150.

MACH .400

Q

10127.1

P1

90415.7

ALPHA 16.27

CP101	.2024	CP124	.4592	CP301	-.2590	CP324	-.3100
CP102	.2186	CP125	.3933	CP302	-.2868	CP325	-.7238
CP103	.2164	CP126	.2189	CP303	-.2764	CP326	-.3324
CP104	.2265	CP127	-.1214	CP304	-.1915	CP327	-.1514
CP105	.2543	CP128	-.6149	CP305	-.1170	CP328	-.0997
CP106	.2348	CP129	-2.3440	CP306	-.0702		
CP107	.2488	CP130	-1.9011	CP307	-.0512		
CP108	.2199	CP131	-1.1737	CP308	-.3530		
CP109	.2393	CP132	-.8067	CP309	-.2601		
CP110	.2097	CP133	-.7058	CP310	-.2606		
CP111	.3707	CP134	-.5537	CP311	-.1859		
CP112	.4529	CP135	.4444	CP312	-.1168		
CP113	.3813	CP136	.4612	CP313	-.0763		
CP114	.2220	CP137	.3967	CP314	-.0696		
CP115	-.1234	CP138	.2007	CP315	-.5488		
CP116	-.6160	CP139	-.1146	CP316	-.2666		
CP117	-2.3823	CP140	-.5692	CP317	-.2019		
CP118	-1.9227	CP141	-1.9924	CP318	-.1756		
CP119	-1.1910	CP142	-1.4038	CP319	-.1525		
CP120	-.8069	CP143	-.8895	CP320	-.1599		
CP121	-.7430	CP144	-.5739	CP321	-.1069		
CP122	-.5472	CP145	-.5216	CP322	-.4167		
CP123	.4323	CP146	-.3823	CP323	-.2949		

TEST

16

RUN 29

TP 3151.

MACH .400

Q

10143.5

P1

90419.8

ALPHA 20.34

CP101	.2791	CP124	.5289	CP301	-.2345	CP324	-.3895
CP102	.2900	CP125	.4571	CP302	-.2699	CP325	-.8580
CP103	.2924	CP126	.2964	CP303	-.2424	CP326	-.2985
CP104	.2999	CP127	-.0343	CP304	-.1554	CP327	-.1445
CP105	.3303	CP128	-.5231	CP305	-.0802	CP328	-.1039
CP106	.3100	CP129	-2.2082	CP306	-.0359		
CP107	.3250	CP130	-1.7890	CP307	-.0111		
CP108	.2899	CP131	-1.0877	CP308	-.2789		
CP109	.3078	CP132	-.7454	CP309	-.2458		
CP110	.2689	CP133	-.6531	CP310	-.2300		
CP111	.4287	CP134	-.5043	CP311	-.1461		
CP112	.5132	CP135	.5098	CP312	-.0726		
CP113	.4387	CP136	.5248	CP313	-.0369		
CP114	.2941	CP137	.4649	CP314	-.0375		
CP115	-.0582	CP138	.2776	CP315	-.5061		
CP116	-.5438	CP139	-.0188	CP316	-.2033		
CP117	-2.2778	CP140	-.4549	CP317	-.1711		
CP118	-1.8508	CP141	-1.7908	CP318	-.1443		
CP119	-1.1074	CP142	-1.2411	CP319	-.1295		
CP120	-.7669	CP143	-.7434	CP320	-.1195		
CP121	-.7163	CP144	-.4717	CP321	-.0785		
CP122	-.5134	CP145	-.4501	CP322	-.3949		
CP123	.4945	CP146	-.3292	CP323	-.2867		

TEST

16

RUN 30

TP 3154.

MACH .200

Q

2755.9

P1

98239.9

ALPHA -1.88

CP101	-.0290	CP124	.1853	CP301	-.2928	CP324	-.3356
CP102	-.0189	CP125	.1239	CP302	-.2909	CP325	-.3686
CP103	-.0217	CP126	-.0430	CP303	-.3558	CP326	-.3613
CP104	-.0169	CP127	-.3402	CP304	-.3580	CP327	-.3091
CP105	.0077	CP128	-.7303	CP305	-.3074	CP328	-.2114
CP106	-.0131	CP129	-1.6531	CP306	-.2202		
CP107	-.0010	CP130	-1.3348	CP307	-.1379		
CP108	-.0182	CP131	-.9397	CP308	-.2734		
CP109	-.0005	CP132	-.5389	CP309	-.3237		
CP110	-.0076	CP133	-.4367	CP310	-.3600		
CP111	.1441	CP134	-.2980	CP311	-.3630		
CP112	.1771	CP135	.1785	CP312	-.3045		
CP113	.1232	CP136	.1832	CP313	-.2251		
CP114	-.0521	CP137	.1272	CP314	-.1368		
CP115	-.3348	CP138	-.0558	CP315	-.3148		
CP116	-.6950	CP139	-.3477	CP316	-.3000		
CP117	-1.5654	CP140	-.7388	CP317	-.3517		
CP118	-1.3323	CP141	-1.6221	CP318	-.3695		
CP119	-.8459	CP142	-1.3171	CP319	-.3261		
CP120	-.5448	CP143	-.8811	CP320	-.2401		
CP121	-.4731	CP144	-.5059	CP321	-.1719		
CP122	-.3427	CP145	-.4119	CP322	-.3084		
CP123	.1725	CP146	-.2971	CP323	-.3245		

TEST

16

RUN 30

TP 3155.

MACH .200

Q

2758.9

P1

98236.J

ALPHA .04

CP101	-.0200	CP124	.2032	CP301	-.2958	CP324	-.3499
CP102	-.0071	CP125	.1470	CP302	-.3044	CP325	-.3793
CP103	-.0093	CP126	-.0183	CP303	-.3498	CP326	-.3707
CP104	-.0060	CP127	-.3248	CP304	-.3666	CP327	-.3256
CP105	.0224	CP128	-.7021	CP305	-.3127	CP328	-.2180
CP106	.0035	CP129	-1.6231	CP306	-.2274		
CP107	.0172	CP130	-1.4092	CP307	-.1305		
CP108	-.0014	CP131	-.9122	CP308	-.3071		
CP109	.0175	CP132	-.5517	CP309	-.3008		
CP110	.0112	CP133	-.4594	CP310	-.3642		
CP111	.1671	CP134	-.3281	CP311	-.3692		
CP112	.2021	CP135	.1989	CP312	-.2994		
CP113	.1467	CP136	.2086	CP313	-.2016		
CP114	-.0310	CP137	.1457	CP314	-.1271		
CP115	-.3056	CP138	-.0302	CP315	-.2868		
CP116	-.6841	CP139	-.3617	CP316	-.3039		
CP117	-1.5738	CP140	-.7182	CP317	-.3423		
CP118	-1.3972	CP141	-1.5954	CP318	-.3648		
CP119	-.9000	CP142	-1.3483	CP319	-.3147		
CP120	-.5534	CP143	-.9033	CP320	-.2222		
CP121	-.4712	CP144	-.5306	CP321	-.1746		
CP122	-.3229	CP145	-.4279	CP322	-.2902		
CP123	.1916	CP146	-.2962	CP323	-.3021		

TEST

16

RUN 30

TP 3156.

MACH .201

Q

2778.3

P1

98217.1

ALPHA 2.04

CP101	.0057	CP124	.2337	CP301	-.2819	CP324	-.3660
CP102	.0174	CP125	.1688	CP302	-.3165	CP325	-.3815
CP103	.0150	CP126	-.0019	CP303	-.3634	CP326	-.3968
CP104	.0221	CP127	-.3049	CP304	-.3526	CP327	-.3339
CP105	.0480	CP128	-.7410	CP305	-.2618	CP328	-.2211
CP106	.0294	CP129	-1.7292	CP306	-.2193		
CP107	.0419	CP130	-1.4481	CP307	-.1037		
CP108	.0242	CP131	-.9643	CP308	-.3127		
CP109	.0412	CP132	-.5761	CP309	-.3798		
CP110	.0358	CP133	-.4718	CP310	-.3800		
CP111	.1884	CP134	-.4675	CP311	-.3742		
CP112	.2272	CP135	.2220	CP312	-.2968		
CP113	.1662	CP136	.2303	CP313	-.1897		
CP114	-.0167	CP137	.1690	CP314	-.1067		
CP115	-.3088	CP138	-.0151	CP315	-.3265		
CP116	-.7363	CP139	-.3185	CP316	-.3765		
CP117	-1.7247	CP140	-.8428	CP317	-.3641		
CP118	-1.3740	CP141	-1.5853	CP318	-.3665		
CP119	-.9445	CP142	-1.3527	CP319	-.2788		
CP120	-.5694	CP143	-.9302	CP320	-.2189		
CP121	-.6420	CP144	-.5166	CP321	-.1420		
CP122	-.3917	CP145	-.4250	CP322	-.3410		
CP123	.2217	CP146	-.3131	CP323	-.2994		

TEST

16

RUN 30

TP 3157.

MACH .200

Q

2757.1

P1

98237.5

ALPHA 3.98

CP101	.0330	CP124	.2522	CP301	-.3396	CP324	-.3006
CP102	.0457	CP125	.1782	CP302	-.3507	CP325	-.2662
CP103	.0391	CP126	-.0084	CP303	-.3816	CP326	-.2358
CP104	.0387	CP127	-.3755	CP304	-.3131	CP327	-.1729
CP105	.0673	CP128	-.8828	CP305	-.2371	CP328	-.1151
CP106	.0455	CP129	-2.1484	CP306	-.1314		
CP107	.0603	CP130	-1.9466	CP307	-.1007		
CP108	.0413	CP131	-1.2524	CP308	-.3486		
CP109	.0576	CP132	-.8643	CP309	-.4125		
CP110	.0500	CP133	-.7330	CP310	-.2926		
CP111	.2026	CP134	-.5647	CP311	-.2155		
CP112	.2443	CP135	.2448	CP312	-.1302		
CP113	.1730	CP136	.2524	CP313	-.0971		
CP114	-.0207	CP137	.1831	CP314	-.0759		
CP115	-.3661	CP138	-.0175	CP315	-.6040		
CP116	-.8585	CP139	-.3628	CP316	-.3606		
CP117	-2.1474	CP140	-.8174	CP317	-.2227		
CP118	-1.9488	CP141	-1.9307	CP318	-.1972		
CP119	-1.2539	CP142	-1.5639	CP319	-.1442		
CP120	-.8714	CP143	-1.2064	CP320	-.1099		
CP121	-.7792	CP144	-.7202	CP321	-.0947		
CP122	-.5885	CP145	-.6052	CP322	-.5016		
CP123	.2364	CP146	-.4749	CP323	-.3590		

TEST

16

RUN 30

TP 3158.

MACH .200

Q

2740.5

P1

98253.8

ALPHA 8.04

CP101	.0719	CP124	.3023	CP301	-.2365	CP324	-.3220
CP102	.0827	CP125	.2282	CP302	-.3024	CP325	-.3638
CP103	.0814	CP126	.0452	CP303	-.3277	CP326	-.2404
CP104	.0847	CP127	-.3141	CP304	-.2453	CP327	-.1982
CP105	.1168	CP128	-.8225	CP305	-.1361	CP328	-.1349
CP106	.0952	CP129	-2.1132	CP306	-.0849		
CP107	.1075	CP130	-1.9278	CP307	-.0626		
CP108	.0884	CP131	-1.2322	CP308	-.5326		
CP109	.1059	CP132	-.8455	CP309	-.2786		
CP110	.0959	CP133	-.7275	CP310	-.2972		
CP111	.2503	CP134	-.5633	CP311	-.2174		
CP112	.3052	CP135	.2975	CP312	-.1261		
CP113	.2303	CP136	.3041	CP313	-.0830		
CP114	.0345	CP137	.2377	CP314	-.0669		
CP115	-.3155	CP138	.0409	CP315	-.6038		
CP116	-.8126	CP139	-.3047	CP316	-.3616		
CP117	-2.1212	CP140	-.7635	CP317	-.2194		
CP118	-1.9519	CP141	-1.8614	CP318	-.1949		
CP119	-1.2307	CP142	-1.6133	CP319	-.1441		
CP120	-.8627	CP143	-1.1893	CP320	-.1006		
CP121	-.7737	CP144	-.6701	CP321	-.0785		
CP122	-.5893	CP145	-.5734	CP322	-.4891		
CP123	.2888	CP146	-.4639	CP323	-.3424		

TEST

16

RUN 30

TP 3159.

MACH .199

Q

2737.5

P1

98257.9

ALPHA 12.05

CP101	.1299	CP124	.3630	CP301	-.2268	CP324	-.3019
CP102	.1461	CP125	.2864	CP302	-.2868	CP325	-.5690
CP103	.1409	CP126	.1124	CP303	-.3131	CP326	-.2659
CP104	.1485	CP127	-.2429	CP304	-.2258	CP327	-.1548
CP105	.1784	CP128	-.7482	CP305	-.1212	CP328	-.0948
CP106	.1542	CP129	-2.0523	CP306	-.0649		
CP107	.1670	CP130	-1.9276	CP307	-.0458		
CP108	.1432	CP131	-1.2087	CP308	-.5054		
CP109	.1615	CP132	-.8273	CP309	-.2627		
CP110	.1444	CP133	-.7193	CP310	-.3030		
CP111	.2989	CP134	-.5372	CP311	-.2086		
CP112	.3634	CP135	.3522	CP312	-.1122		
CP113	.2826	CP136	.3642	CP313	-.0663		
CP114	.1026	CP137	.2922	CP314	-.0558		
CP115	-.2513	CP138	.1083	CP315	-.5916		
CP116	-.7482	CP139	-.2323	CP316	-.3175		
CP117	-2.0848	CP140	-.6889	CP317	-.2112		
CP118	-1.9444	CP141	-1.7780	CP318	-.1915		
CP119	-1.2138	CP142	-1.6142	CP319	-.1412		
CP120	-.8444	CP143	-1.1306	CP320	-.1326		
CP121	-.7605	CP144	-.6274	CP321	-.1030		
CP122	-.5742	CP145	-.5814	CP322	-.4553		
CP123	.3448	CP146	-.4126	CP323	-.3221		

TEST

16

RUN 30

TP 3160.

MACH .200

Q

2741.2

P1

98251.5

ALPHA 16.06

CP101	.1929	CP124	.4267	CP301	-.2101	CP324	-.2928
CP102	.2117	CP125	.3492	CP302	-.2673	CP325	-.6113
CP103	.2057	CP126	.1789	CP303	-.2924	CP326	-.3406
CP104	.2154	CP127	-.1674	CP304	-.1866	CP327	-.1404
CP105	.2484	CP128	-.6536	CP305	-.0878	CP328	-.0930
CP106	.2240	CP129	-1.9521	CP306	-.0344		
CP107	.2371	CP130	-1.8749	CP307	-.0103		
CP108	.2109	CP131	-1.1462	CP308	-.4175		
CP109	.2273	CP132	-.7828	CP309	-.2418		
CP110	.1984	CP133	-.6670	CP310	-.2736		
CP111	.3538	CP134	-.5024	CP311	-.1729		
CP112	.4199	CP135	.4198	CP312	-.0804		
CP113	.3408	CP136	.4267	CP313	-.0423		
CP114	.1811	CP137	.3578	CP314	-.0379		
CP115	-.1728	CP138	.1822	CP315	-.5600		
CP116	-.6667	CP139	-.1504	CP316	-.2684		
CP117	-1.9726	CP140	-.5863	CP317	-.1897		
CP118	-1.8685	CP141	-1.6568	CP318	-.1581		
CP119	-1.1477	CP142	-1.5361	CP319	-.1107		
CP120	-.8017	CP143	-1.1036	CP320	-.1313		
CP121	-.7254	CP144	-.5966	CP321	-.0992		
CP122	-.5438	CP145	-.5306	CP322	-.4272		
CP123	.4073	CP146	-.3670	CP323	-.2883		

TEST

16

RUN 30

TP 3161.

MACH .199

G

2733.7

P1

98263.5

ALPHA 20.08

CP101	.2721	CP124	.4928	CP301	-.1738	CP324	-.3118
CP102	.2857	CP125	.4181	CP302	-.2392	CP325	-.9315
CP103	.2849	CP126	.2508	CP303	-.2440	CP326	-.3477
CP104	.2927	CP127	-.0807	CP304	-.1372	CP327	-.1500
CP105	.3201	CP128	-.5633	CP305	-.0504	CP328	-.1214
CP106	.2965	CP129	-1.8391	CP306	-.0077		
CP107	.3056	CP130	-1.8149	CP307	.0057		
CP108	.2749	CP131	-1.0859	CP308	-.3837		
CP109	.2926	CP132	-.7424	CP309	-.2183		
CP110	.2539	CP133	-.6433	CP310	-.2320		
CP111	.4039	CP134	-.4741	CP311	-.1246		
CP112	.4842	CP135	.4875	CP312	-.0415		
CP113	.4043	CP136	.4917	CP313	-.0145		
CP114	.2568	CP137	.4254	CP314	-.0226		
CP115	-.0922	CP138	.2590	CP315	-.5166		
CP116	-.5793	CP139	-.0567	CP316	-.2259		
CP117	-1.8312	CP140	-.4836	CP317	-.1559		
CP118	-1.7815	CP141	-1.5275	CP318	-.1156		
CP119	-1.0864	CP142	-1.4635	CP319	-.0967		
CP120	-.7451	CP143	-1.0746	CP320	-.0999		
CP121	-.6812	CP144	-.5498	CP321	-.0603		
CP122	-.4978	CP145	-.4894	CP322	-.3989		
CP123	.4710	CP146	-.3256	CP323	-.2878		

TEST

16

RUN 31

TP 3174.

MACH .400

Q

10169.3

P1

90866.9

ALPHA -2.03

CP101	-.0338	CP124	.1993	CP301	-.2307	CP324	-.2744
CP102	-.0191	CP125	.1435	CP302	-.3150	CP325	-.2278
CP103	-.0240	CP126	-.0330	CP303	-.3248	CP326	-.1722
CP104	-.0223	CP127	-.3890	CP304	-.2316	CP327	-.1275
CP105	.0117	CP128	-.9015	CP305	-.1579	CP328	-.1043
CP106	-.0118	CP129	-2.6292	CP306	-.1350		
CP107	.0029	CP130	-2.0275	CP307	-.1147		
CP108	-.0143	CP131	-1.3619	CP308	-.4962		
CP109	.0032	CP132	-.8843	CP309	-.2839		
CP110	-.0022	CP133	-.7653	CP310	-.2949		
CP111	.1570	CP134	-.6028	CP311	-.2291		
CP112	.1929	CP135	.1924	CP312	-.1555		
CP113	.1420	CP136	.2034	CP313	-.1320		
CP114	-.0433	CP137	.1468	CP314	-.1275		
CP115	-.3746	CP138	-.0803	CP315	-.5612		
CP116	-.8637	CP139	-.3786	CP316	-.3991		
CP117	-2.5487	CP140	-.8517	CP317	-.2459		
CP118	-1.8924	CP141	-2.1924	CP318	-.2152		
CP119	-1.2885	CP142	-1.5020	CP319	-.1649		
CP120	-.8242	CP143	-1.0709	CP320	-.1371		
CP121	-.7523	CP144	-.6382	CP321	-.1307		
CP122	-.5705	CP145	-.5838	CP322	-.4562		
CP123	.1877	CP146	-.4309	CP323	-.3432		

TEST

16

RUN 31

TP 3175.

MACH .400

0

10179.0

P1

90861.7

ALPHA -.10

CP101	-.0175	CP124	.2254	CP301	-.2309	CP324	-.2702
CP102	-.0008	CP125	.1651	CP302	-.3019	CP325	-.2307
CP103	-.0058	CP126	-.0123	CP303	-.3124	CP326	-.1785
CP104	-.0046	CP127	-.3680	CP304	-.2263	CP327	-.1273
CP105	.0302	CP128	-.8775	CP305	-.1516	CP328	-.0967
CP106	.0063	CP129	-2.6047	CP306	-.1322		
CP107	.0206	CP130	-2.0232	CP307	-.1149		
CP108	.0040	CP131	-1.3577	CP308	-.5054		
CP109	.0246	CP132	-.8794	CP309	-.2785		
CP110	.0183	CP133	-.7618	CP310	-.2973		
CP111	.1781	CP134	-.5934	CP311	-.2280		
CP112	.2191	CP135	.2155	CP312	-.1531		
CP113	.1653	CP136	.2280	CP313	-.1251		
CP114	-.0227	CP137	.1710	CP314	-.1179		
CP115	-.3546	CP138	-.0563	CP315	-.5563		
CP116	-.8415	CP139	-.3558	CP316	-.3804		
CP117	-2.5265	CP140	-.8200	CP317	-.2367		
CP118	-1.8968	CP141	-2.1521	CP318	-.2092		
CP119	-1.2822	CP142	-1.4849	CP319	-.1641		
CP120	-.8236	CP143	-1.0584	CP320	-.1324		
CP121	-.7584	CP144	-.6614	CP321	-.1267		
CP122	-.5623	CP145	-.5698	CP322	-.4476		
CP123	.2083	CP146	-.3998	CP323	-.3377		

TEST

16

RUN 31

TP 3176.

MACH .400

Q

10181.6

P1

90855.0

ALPHA 3.86

CP101	.0239	CP124	.2798	CP301	-.2277	CP324	-.2793
CP102	.0391	CP125	.2169	CP302	-.2994	CP325	-.2338
CP103	.0338	CP126	.0369	CP303	-.3059	CP326	-.1837
CP104	.0373	CP127	-.3217	CP304	-.2236	CP327	-.1275
CP105	.0730	CP128	-.8312	CP305	-.1480	CP328	-.0972
CP106	.0488	CP129	-2.5676	CP306	-.1176		
CP107	.0623	CP130	-2.0063	CP307	-.1019		
CP108	.0456	CP131	-1.3261	CP308	-.4385		
CP109	.0669	CP132	-.8685	CP309	-.2762		
CP110	.0617	CP133	-.7501	CP310	-.2995		
CP111	.2257	CP134	-.5898	CP311	-.2230		
CP112	.2752	CP135	.2656	CP312	-.1441		
CP113	.2164	CP136	.2803	CP313	-.1110		
CP114	.0264	CP137	.2246	CP314	-.1049		
CP115	-.3133	CP138	.0005	CP315	-.5554		
CP116	-.7996	CP139	-.3080	CP316	-.3519		
CP117	-2.5234	CP140	-.7789	CP317	-.2301		
CP118	-1.9066	CP141	-2.1551	CP318	-.2031		
CP119	-1.2713	CP142	-1.4326	CP319	-.1577		
CP120	-.8283	CP143	-.9850	CP320	-.1238		
CP121	-.7597	CP144	-.6016	CP321	-.1141		
CP122	-.5640	CP145	-.5405	CP322	-.4499		
CP123	.2582	CP146	-.3870	CP323	-.3198		

TEST

16

RUN 31

TP 3177.

MACH .400

Q

10184.4

P1

90870.8

ALPHA 7.91

CP101	.0716	CP124	.3391	CP301	-.2492	CP324	-.3196
CP102	.0893	CP125	.2740	CP302	-.2988	CP325	-.2959
CP103	.0627	CP126	.0945	CP303	-.3027	CP326	-.1984
CP104	.0863	CP127	-.2652	CP304	-.2191	CP327	-.1360
CP105	.1227	CP128	-.7759	CP305	-.1394	CP328	-.0967
CP106	.0989	CP129	-2.5392	CP306	-.1054		
CP107	.1141	CP130	-1.9962	CP307	-.0863		
CP108	.0927	CP131	-1.2876	CP308	-.4239		
CP109	.1141	CP132	-.8512	CP309	-.2765		
CP110	.1009	CP133	-.7404	CP310	-.2915		
CP111	.2697	CP134	-.5787	CP311	-.2142		
CP112	.3325	CP135	.3196	CP312	-.1344		
CP113	.2732	CP136	.3359	CP313	-.0993		
CP114	.0852	CP137	.2833	CP314	-.0910		
CP115	-.2624	CP138	.0586	CP315	-.5561		
CP116	-.7483	CP139	-.2496	CP316	-.3246		
CP117	-2.4940	CP140	-.7220	CP317	-.2191		
CP118	-1.9250	CP141	-2.0630	CP318	-.1902		
CP119	-1.2559	CP142	-1.4189	CP319	-.1566		
CP120	-.8255	CP143	-.9657	CP320	-.1210		
CP121	-.7638	CP144	-.5747	CP321	-.1061		
CP122	-.5637	CP145	-.5124	CP322	-.4453		
CP123	.3140	CP146	-.3776	CP323	-.3103		

TEST

16

RUN 31

TP 3178.

MACH .400

Q

10178.8

P1

90893.1

ALPHA 11.99

CP101	.1343	CP124	.4011	CP301	-.2594	CP324	-.2914
CP102	.1454	CP125	.3365	CP302	-.2908	CP325	-.5396
CP103	.1483	CP126	.1563	CP303	-.2797	CP326	-.2375
CP104	.1508	CP127	-.1975	CP304	-.2000	CP327	-.1350
CP105	.1881	CP128	-.6992	CP305	-.1242	CP328	-.0973
CP106	.1626	CP129	-2.4573	CP306	-.0823		
CP107	.1761	CP130	-1.9484	CP307	-.0684		
CP108	.1553	CP131	-1.2383	CP308	-.3870		
CP109	.1721	CP132	-.8236	CP309	-.2602		
CP110	.1578	CP133	-.7207	CP310	-.2616		
CP111	.3269	CP134	-.5644	CP311	-.1872		
CP112	.3987	CP135	.3820	CP312	-.1140		
CP113	.3284	CP136	.3955	CP313	-.0834		
CP114	.1536	CP137	.3414	CP314	-.0818		
CP115	-.1926	CP138	.1227	CP315	-.5486		
CP116	-.6811	CP139	-.1870	CP316	-.2914		
CP117	-2.4536	CP140	-.6597	CP317	-.2039		
CP118	-1.9079	CP141	-2.0854	CP318	-.1753		
CP119	-1.1997	CP142	-1.4343	CP319	-.1465		
CP120	-.8114	CP143	-.9450	CP320	-.1401		
CP121	-.7474	CP144	-.5936	CP321	-.1091		
CP122	-.5466	CP145	-.5322	CP322	-.4247		
CP123	.3747	CP146	-.3897	CP323	-.2895		

TEST

16

RUN 31

TP 3179.

MACH .400

Q

10188.2

P1

90888.2

ALPHA 16.06

CP101	.2018	CP124	.4638	CP301	-.2480	CP324	-.2920
CP102	.2174	CP125	.3959	CP302	-.2733	CP325	-.7265
CP103	.2133	CP126	.2269	CP303	-.2608	CP326	-.3094
CP104	.2201	CP127	-.1169	CP304	-.1719	CP327	-.1281
CP105	.2584	CP128	-.6093	CP305	-.0996	CP328	-.0933
CP106	.2290	CP129	-2.3481	CP306	-.0544		
CP107	.2466	CP130	-1.8506	CP307	-.0290		
CP108	.2225	CP131	-1.1429	CP308	-.3111		
CP109	.2410	CP132	-.7700	CP309	-.2486		
CP110	.2082	CP133	-.6752	CP310	-.2390		
CP111	.3765	CP134	-.5251	CP311	-.1614		
CP112	.4562	CP135	.4442	CP312	-.0901		
CP113	.3876	CP136	.4631	CP313	-.0489		
CP114	.2310	CP137	.4046	CP314	-.0513		
CP115	-.1167	CP138	.2033	CP315	-.5170		
CP116	-.6050	CP139	-.1066	CP316	-.2341		
CP117	-2.3811	CP140	-.5606	CP317	-.1741		
CP118	-1.8679	CP141	-1.9701	CP318	-.1490		
CP119	-1.1428	CP142	-1.3448	CP319	-.1244		
CP120	-.7814	CP143	-.8560	CP320	-.1371		
CP121	-.7161	CP144	-.5452	CP321	-.1059		
CP122	-.5213	CP145	-.4971	CP322	-.4052		
CP123	.4365	CP146	-.3585	CP323	-.2766		

TEST

16

RUN 31

TP 3180.

MACH .401

Q

10245.0

P1

90833.4

ALPHA 20.11

CP101	.2764	CP124	.5301	CP301	-.2136	CP324	-.3650
CP102	.2926	CP125	.4593	CP302	-.2492	CP325	-.8238
CP103	.2891	CP126	.3030	CP303	-.2295	CP326	-.2676
CP104	.2936	CP127	-.0306	CP304	-.1413	CP327	-.1236
CP105	.3298	CP128	-.5114	CP305	-.0646	CP328	-.1125
CP106	.3027	CP129	-2.1904	CP306	-.0216		
CP107	.3211	CP130	-1.7154	CP307	.0021		
CP108	.2894	CP131	-1.0226	CP308	-.2419		
CP109	.3090	CP132	-.7048	CP309	-.2227		
CP110	.2686	CP133	-.6102	CP310	-.2057		
CP111	.4310	CP134	-.4733	CP311	-.1177		
CP112	.5187	CP135	.5143	CP312	-.0517		
CP113	.4428	CP136	.5308	CP313	-.0220		
CP114	.2992	CP137	.4712	CP314	-.0281		
CP115	-.0537	CP138	.2803	CP315	-.4729		
CP116	-.5419	CP139	-.0108	CP316	-.1805		
CP117	-2.2882	CP140	-.4465	CP317	-.1458		
CP118	-1.7940	CP141	-1.7691	CP318	-.1135		
CP119	-1.0713	CP142	-1.1945	CP319	-.1031		
CP120	-.7371	CP143	-.7190	CP320	-.0939		
CP121	-.6831	CP144	-.4269	CP321	-.0726		
CP122	-.4836	CP145	-.4003	CP322	-.3754		
CP123	.5026	CP146	-.2947	CP323	-.2640		

TEST

16

RUN 32

TP 3185.

MACH .400

Q

10198.7

P1

90882.5

ALPHA -1.80

CP101	-.0326	CP124	.1968	CP301	-.2491	CP324	-.2876
CP102	-.0204	CP125	.1396	CP302	-.3164	CP325	-.2491
CP103	-.0243	CP126	-.0409	CP303	-.3131	CP326	-.1975
CP104	-.0231	CP127	-.3993	CP304	-.2340	CP327	-.1614
CP105	.0076	CP128	-.9117	CP305	-.1657	CP328	-.1485
CP106	-.0130	CP129	-2.6578	CP306	-.1524		
CP107	-.0008	CP130	-2.0419	CP307	-.1440		
CP108	-.0156	CP131	-1.4031	CP308	-.5636		
CP109	.0028	CP132	-.9038	CP309	-.2956		
CP110	-.0044	CP133	-.7840	CP310	-.3016		
CP111	.1559	CP134	-.6176	CP311	-.2314		
CP112	.1917	CP135	.1885	CP312	-.1615		
CP113	.1371	CP136	.2016	CP313	-.1433		
CP114	-.0477	CP137	.1440	CP314	-.1471		
CP115	-.3807	CP138	-.0845	CP315	-.5724		
CP116	-.8691	CP139	-.3889	CP316	-.4211		
CP117	-2.5529	CP140	-.8662	CP317	-.2554		
CP118	-1.8992	CP141	-2.2647	CP318	-.2243		
CP119	-1.3129	CP142	-1.5881	CP319	-.1780		
CP120	-.8388	CP143	-1.1027	CP320	-.1567		
CP121	-.7716	CP144	-.6855	CP321	-.1641		
CP122	-.5845	CP145	-.6140	CP322	-.4715		
CP123	.1818	CP146	-.4427	CP323	-.3687		

TEST

16

RUN 32

TP 3186.

MACH .401

Q

10225.2

P1

90344.0

ALPHA .12

CP101	-.0185	CP124	.2243	CP301	-.2549	CP324	-.2828
CP102	-.0039	CP125	.1643	CP302	-.3150	CP325	-.2460
CP103	-.0090	CP126	-.0147	CP303	-.3151	CP326	-.1946
CP104	-.0078	CP127	-.3735	CP304	-.2410	CP327	-.1568
CP105	.0264	CP128	-.8367	CP305	-.1641	CP328	-.1420
CP106	.0051	CP129	-2.6250	CP306	-.1460		
CP107	.0182	CP130	-2.0337	CP307	-.1388		
CP108	.0027	CP131	-1.3782	CP308	-.5287		
CP109	.0221	CP132	-.6865	CP309	-.2906		
CP110	.0172	CP133	-.7711	CP310	-.2987		
CP111	.1765	CP134	-.6076	CP311	-.2292		
CP112	.2192	CP135	.2163	CP312	-.1562		
CP113	.1628	CP136	.2255	CP313	-.1381		
CP114	-.0255	CP137	.1715	CP314	-.1445		
CP115	-.3637	CP138	-.0568	CP315	-.5734		
CP116	-.8533	CP139	-.3657	CP316	-.4053		
CP117	-2.5551	CP140	-.8310	CP317	-.2518		
CP118	-1.9097	CP141	-2.2319	CP318	-.2219		
CP119	-1.3117	CP142	-1.5568	CP319	-.1804		
CP120	-.8377	CP143	-1.0842	CP320	-.1593		
CP121	-.7689	CP144	-.6770	CP321	-.1582		
CP122	-.5811	CP145	-.5835	CP322	-.4662		
CP123	.2068	CP146	-.4352	CP323	-.3589		

TEST

16

RUN 32

TP 3187.

MACH .400

Q

10190.5

P1

90879.4

ALPHA 4.10

CP101	.0237	CP124	.2782	CP301	-.2405	CP324	-.2946
CP102	.0368	CP125	.2181	CP302	-.3161	CP325	-.2498
CP103	.0332	CP126	.0326	CP303	-.3150	CP326	-.2073
CP104	.0376	CP127	-.3278	CP304	-.2422	CP327	-.1645
CP105	.0723	CP128	-.8430	CP305	-.1579	CP328	-.1375
CP106	.0482	CP129	-2.6168	CP306	-.1360		
CP107	.0621	CP130	-2.0490	CP307	-.1202		
CP108	.0437	CP131	-1.3687	CP308	-.4731		
CP109	.0659	CP132	-.8889	CP309	-.2884		
CP110	.0580	CP133	-.7742	CP310	-.3081		
CP111	.2239	CP134	-.6029	CP311	-.2370		
CP112	.2743	CP135	.2650	CP312	-.1572		
CP113	.2137	CP136	.2804	CP313	-.1285		
CP114	.0215	CP137	.2218	CP314	-.1234		
CP115	-.3210	CP138	-.0044	CP315	-.5761		
CP116	-.8111	CP139	-.3176	CP316	-.3691		
CP117	-2.5502	CP140	-.7829	CP317	-.2499		
CP118	-1.9416	CP141	-2.1767	CP318	-.2233		
CP119	-1.3136	CP142	-1.4899	CP319	-.1774		
CP120	-.8489	CP143	-1.0178	CP320	-.1445		
CP121	-.7786	CP144	-.6371	CP321	-.1439		
CP122	-.5807	CP145	-.5584	CP322	-.4678		
CP123	.2571	CP146	-.4169	CP323	-.3357		

TEST

16

RUN 32

TP 318E.

MACH .400

Q

10194.4

P1

90865.4

ALPHA 8.18

CP101	.0688	CP124	.3349	CP301	-.2623	CP324	-.3418
CP102	.0848	CP125	.2710	CP302	-.3254	CP325	-.3207
CP103	.0811	CP126	.0862	CP303	-.3224	CP326	-.2249
CP104	.0854	CP127	-.2734	CP304	-.2467	CP327	-.1745
CP105	.1232	CP128	-.7922	CP305	-.1591	CP328	-.1391
CP106	.0969	CP129	-2.5822	CP306	-.1300		
CP107	.1123	CP130	-2.0463	CP307	-.1164		
CP108	.0945	CP131	-1.3353	CP308	-.4330		
CP109	.1145	CP132	-.6852	CP309	-.2988		
CP110	.1030	CP133	-.7736	CP310	-.3123		
CP111	.2688	CP134	-.6037	CP311	-.2395		
CP112	.3310	CP135	.3173	CP312	-.1533		
CP113	.2666	CP136	.3336	CP313	-.1250		
CP114	.0795	CP137	.2762	CP314	-.1204		
CP115	-.2696	CP138	.0535	CP315	-.5800		
CP116	-.7627	CP139	-.2624	CP316	-.3393		
CP117	-2.5462	CP140	-.7349	CP317	-.2498		
CP118	-1.9784	CP141	-2.1444	CP318	-.2225		
CP119	-1.3087	CP142	-1.4761	CP319	-.1860		
CP120	-.8587	CP143	-.9984	CP320	-.1516		
CP121	-.7974	CP144	-.6083	CP321	-.1333		
CP122	-.5906	CP145	-.5581	CP322	-.4644		
CP123	.3102	CP146	-.3931	CP323	-.3293		

REPRODUCIBILITY OF THE
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TEST

16

RUN 32

TP 3189.

MACH .400

Q

10202.3

P1

90875.0

ALPHA 12.31

CP101	.1335	CP124	.3971	CP301	-.2941	CP324	-.3300
CP102	.1466	CP125	.3293	CP302	-.3222	CP325	-.5556
CP103	.1426	CP126	.1521	CP303	-.3148	CP326	-.2869
CP104	.1483	CP127	-.2096	CP304	-.2296	CP327	-.1807
CP105	.1858	CP128	-.7190	CP305	-.1486	CP328	-.1308
CP106	.1581	CP129	-2.5350	CP306	-.1240		
CP107	.1723	CP130	-2.0294	CP307	-.1093		
CP108	.1476	CP131	-1.2798	CP308	-.4198		
CP109	.1699	CP132	-.8699	CP309	-.2984		
CP110	.1530	CP133	-.7625	CP310	-.3015		
CP111	.3206	CP134	-.5985	CP311	-.2227		
CP112	.3945	CP135	.3794	CP312	-.1468		
CP113	.3240	CP136	.3978	CP313	-.1159		
CP114	.1464	CP137	.3367	CP314	-.1114		
CP115	-.2025	CP138	.1189	CP315	-.5839		
CP116	-.6957	CP139	-.2028	CP316	-.3226		
CP117	-2.5216	CP140	-.6860	CP317	-.2390		
CP118	-1.9922	CP141	-2.1616	CP318	-.2172		
CP119	-1.2704	CP142	-1.5472	CP319	-.1835		
CP120	-.8603	CP143	-.9951	CP320	-.1778		
CP121	-.7953	CP144	-.6288	CP321	-.1338		
CP122	-.5908	CP145	-.5792	CP322	-.4605		
CP123	.3696	CP146	-.4276	CP323	-.3222		

TEST

16

RUN 32

TP 3190.

MACH .399

Q

10154.5

P1

90932.5

ALPHA 16.39

CP101	.2019	CP124	.4608	CP301	-.2838	CP324	-.3333
CP102	.2183	CP125	.3945	CP302	-.3126	CP325	-.7757
CP103	.2161	CP126	.2194	CP303	-.2955	CP326	-.3705
CP104	.2215	CP127	-.1305	CP304	-.2104	CP327	-.1698
CP105	.2569	CP128	-.6344	CP305	-.1337	CP328	-.1260
CP106	.2301	CP129	-2.4252	CP306	-.0888		
CP107	.2467	CP130	-1.9538	CP307	-.0664		
CP108	.2149	CP131	-1.2104	CP308	-.3622		
CP109	.2370	CP132	-.8340	CP309	-.2920		
CP110	.2065	CP133	-.7308	CP310	-.2830		
CP111	.3703	CP134	-.5728	CP311	-.2030		
CP112	.4519	CP135	.4450	CP312	-.1290		
CP113	.3790	CP136	.4589	CP313	-.0890		
CP114	.2199	CP137	.3975	CP314	-.0809		
CP115	-.1319	CP138	.1930	CP315	-.5689		
CP116	-.6351	CP139	-.1213	CP316	-.2823		
CP117	-2.4632	CP140	-.5801	CP317	-.2179		
CP118	-1.9647	CP141	-2.0303	CP318	-.1931		
CP119	-1.2202	CP142	-1.4071	CP319	-.1715		
CP120	-.8386	CP143	-.9002	CP320	-.1763		
CP121	-.7753	CP144	-.5821	CP321	-.1249		
CP122	-.5673	CP145	-.5343	CP322	-.4401		
CP123	.4333	CP146	-.4029	CP323	-.3155		

TEST

16

RUN 32

TP 3191.

MACH .400

Q

10168.8

P1

90928.3

ALPHA 20.43

CP101	.2787	CP124	.5323	CP301	-.2548	CP324	-.4139
CP102	.2940	CP125	.4551	CP302	-.2946	CP325	-.8940
CP103	.2915	CP126	.2921	CP303	-.2709	CP326	-.3297
CP104	.2964	CP127	-.0438	CP304	-.1725	CP327	-.1684
CP105	.3305	CP128	-.5361	CP305	-.0956	CP328	-.1201
CP106	.3054	CP129	-2.2987	CP306	-.0526		
CP107	.3174	CP130	-1.8398	CP307	-.0256		
CP108	.2869	CP131	-1.1106	CP308	-.2921		
CP109	.3073	CP132	-.7782	CP309	-.2743		
CP110	.2673	CP133	-.6754	CP310	-.2533		
CP111	.4253	CP134	-.5328	CP311	-.1637		
CP112	.5130	CP135	.5105	CP312	-.0907		
CP113	.4330	CP136	.5239	CP313	-.0573		
CP114	.2885	CP137	.4644	CP314	-.0483		
CP115	-.0679	CP138	.2725	CP315	-.5300		
CP116	-.5691	CP139	-.0262	CP316	-.2235		
CP117	-2.3736	CP140	-.4659	CP317	-.1943		
CP118	-1.8934	CP141	-1.8315	CP318	-.1590		
CP119	-1.1370	CP142	-1.2368	CP319	-.1438		
CP120	-.8040	CP143	-.7522	CP320	-.1387		
CP121	-.7438	CP144	-.4668	CP321	-.0846		
CP122	-.5414	CP145	-.4463	CP322	-.4227		
CP123	.4940	CP146	-.3387	CP323	-.3095		

TEST

16

RUN 33

TP 3193.

MACH .600

Q

20053.7

P1

79501.4

ALPHA -1.68

CP101	-.0195	CP124	.2797	CP301	-.2087	CP324	-.2543
CP102	-.0058	CP125	.2481	CP302	-.2311	CP325	-.2672
CP103	-.0077	CP126	.0837	CP303	-.2579	CP326	-.2743
CP104	-.0031	CP127	-.1773	CP304	-.2677	CP327	-.2524
CP105	.0349	CP128	-.4771	CP305	-.2660	CP328	-.2375
CP106	.0080	CP129	-1.4075	CP306	-.2423		
CP107	.0233	CP130	-.9880	CP307	-.2165		
CP108	.0022	CP131	-.9603	CP308	-.2171		
CP109	.0255	CP132	-.4283	CP309	-.2316		
CP110	.0168	CP133	-.3328	CP310	-.2633		
CP111	.2081	CP134	-.2482	CP311	-.2809		
CP112	.2657	CP135	.2533	CP312	-.2661		
CP113	.2401	CP136	.2788	CP313	-.2502		
CP114	.0622	CP137	.2469	CP314	-.2270		
CP115	-.1759	CP138	.0319	CP315	-.2236		
CP116	-.4683	CP139	-.1918	CP316	-.2314		
CP117	-1.3911	CP140	-.5079	CP317	-.2574		
CP118	-.9647	CP141	-1.5171	CP318	-.2759		
CP119	-.9201	CP142	-.9705	CP319	-.2782		
CP120	-.4310	CP143	-.9445	CP320	-.2592		
CP121	-.3915	CP144	-.3992	CP321	-.2373		
CP122	-.2453	CP145	-.3730	CP322	-.2211		
CP123	.2417	CP146	-.2709	CP323	-.2300		

TEST

16

RUN 33

TP 3194.

MACH .600

Q

20031.4

P1

79520.4

ALPHA .25

CP101	-.0060	CP124	.3032	CP301	-.2133	CP324	-.2353
CP102	.0085	CP125	.2750	CP302	-.2264	CP325	-.2592
CP103	.0070	CP126	.1073	CP303	-.2621	CP326	-.2623
CP104	.0104	CP127	-.1579	CP304	-.2774	CP327	-.2504
CP105	.0486	CP128	-.4568	CP305	-.2649	CP328	-.2404
CP106	.0192	CP129	-1.3985	CP306	-.1966		
CP107	.0391	CP130	-.9988	CP307	-.1926		
CP108	.0190	CP131	-.9678	CP308	-.2194		
CP109	.0423	CP132	-.4270	CP309	-.2370		
CP110	.0366	CP133	-.4793	CP310	-.2526		
CP111	.2300	CP134	-.2768	CP311	-.2752		
CP112	.2924	CP135	.2777	CP312	-.2554		
CP113	.2666	CP136	.3064	CP313	-.2139		
CP114	.0835	CP137	.2748	CP314	-.2038		
CP115	-.1627	CP138	.0584	CP315	-.4288		
CP116	-.4536	CP139	-.1677	CP316	-.3617		
CP117	-1.3847	CP140	-.4893	CP317	-.2384		
CP118	-.9791	CP141	-1.5053	CP318	-.2702		
CP119	-.9168	CP142	-.9894	CP319	-.2678		
CP120	-.4339	CP143	-.9574	CP320	-.2424		
CP121	-.4226	CP144	-.4055	CP321	-.2212		
CP122	-.4190	CP145	-.3411	CP322	-.3526		
CP123	.2656	CP146	-.2528	CP323	-.3057		

TEST

16

RUN 33

TP 3195.

MACH .600

Q

20021.4

P1

79537.4

ALPHA 4.28

CP101	.0331	CP124	.3578	CP301	-.2993	CP324	-.2424
CP102	.0485	CP125	.3261	CP302	-.2463	CP325	-.2284
CP103	.0476	CP126	.1535	CP303	-.2372	CP326	-.1872
CP104	.0522	CP127	-.1162	CP304	-.2203	CP327	-.1808
CP105	.0888	CP128	-.4164	CP305	-.1934	CP328	-.1863
CP106	.0633	CP129	-1.3760	CP306	-.1780		
CP107	.0800	CP130	-1.3334	CP307	-.1876		
CP108	.0583	CP131	-1.3167	CP308	-.4646		
CP109	.0844	CP132	-.6950	CP309	-.2463		
CP110	.0764	CP133	-.6021	CP310	-.2310		
CP111	.2746	CP134	-.4795	CP311	-.2212		
CP112	.3448	CP135	.3278	CP312	-.1814		
CP113	.3163	CP136	.3575	CP313	-.1664		
CP114	.1312	CP137	.3245	CP314	-.1957		
CP115	-.1195	CP138	.1085	CP315	-.4445		
CP116	-.4093	CP139	-.1255	CP316	-.3359		
CP117	-1.3564	CP140	-.4449	CP317	-.2152		
CP118	-1.2294	CP141	-1.4834	CP318	-.2091		
CP119	-1.0241	CP142	-1.3380	CP319	-.2279		
CP120	-.6658	CP143	-1.3245	CP320	-.1716		
CP121	-.6103	CP144	-.6627	CP321	-.1877		
CP122	-.4519	CP145	-.5212	CP322	-.3740		
CP123	.3168	CP146	-.4612	CP323	-.2942		

TEST

16

RUN 33

TP 3196.

MACH .600

Q

20052.8

P1

79492.3

ALPHA 8.51

CP101	.0857	CP124	.4157	CP301	-.3231	CP324	-.2754
CP102	.1024	CP125	.3812	CP302	-.2603	CP325	-.3157
CP103	.1006	CP126	.2069	CP303	-.2289	CP326	-.2192
CP104	.1083	CP127	-.0608	CP304	-.2279	CP327	-.2037
CP105	.1454	CP128	-.3619	CP305	-.1857	CP328	-.1982
CP106	.1198	CP129	-1.3339	CP306	-.1915		
CP107	.1372	CP130	-1.3069	CP307	-.1892		
CP108	.1126	CP131	-1.2383	CP308	-.3373		
CP109	.1377	CP132	-.6033	CP309	-.2591		
CP110	.1251	CP133	-.5460	CP310	-.2349		
CP111	.3236	CP134	-.4431	CP311	-.2251		
CP112	.4056	CP135	.3830	CP312	-.1921		
CP113	.3721	CP136	.4186	CP313	-.1799		
CP114	.1990	CP137	.3790	CP314	-.1987		
CP115	-.0594	CP138	.1690	CP315	-.3631		
CP116	-.3500	CP139	-.0697	CP316	-.2708		
CP117	-1.3154	CP140	-.3898	CP317	-.2289		
CP118	-1.2289	CP141	-1.4440	CP318	-.2248		
CP119	-1.1964	CP142	-1.2789	CP319	-.1997		
CP120	-.6329	CP143	-1.3030	CP320	-.2007		
CP121	-.5740	CP144	-.6111	CP321	-.2055		
CP122	-.4442	CP145	-.5556	CP322	-.3531		
CP123	.3738	CP146	-.4155	CP323	-.2621		

TEST

16

RUN 33

TP 3197.

MACH .600

Q

20052.7

P1

79486.7

ALPHA 12.68

CP101	.1472	CP124	.4771	CP301	-.3441	CP324	-.2848
CP102	.1669	CP125	.4390	CP302	-.2720	CP325	-.4337
CP103	.1662	CP126	.2705	CP303	-.2443	CP326	-.3335
CP104	.1725	CP127	.0046	CP304	-.2075	CP327	-.2128
CP105	.2080	CP128	-.2958	CP305	-.1859	CP328	-.1965
CP106	.1861	CP129	-1.2868	CP306	-.1814		
CP107	.2006	CP130	-1.3039	CP307	-.1916		
CP108	.1727	CP131	-1.2710	CP308	-.3137		
CP109	.1986	CP132	-.6510	CP309	-.2766		
CP110	.1790	CP133	-.5524	CP310	-.2440		
CP111	.3766	CP134	-.4262	CP311	-.2142		
CP112	.4641	CP135	.4447	CP312	-.1918		
CP113	.4226	CP136	.4748	CP313	-.1824		
CP114	.2647	CP137	.4395	CP314	-.1984		
CP115	.0025	CP138	.2358	CP315	-.3286		
CP116	-.2864	CP139	-.0068	CP316	-.2824		
CP117	-1.2674	CP140	-.3242	CP317	-.2443		
CP118	-1.2662	CP141	-1.3953	CP318	-.2126		
CP119	-1.1598	CP142	-1.3195	CP319	-.2090		
CP120	-.5807	CP143	-1.2642	CP320	-.2251		
CP121	-.5793	CP144	-.6212	CP321	-.1987		
CP122	-.4180	CP145	-.5475	CP322	-.3072		
CP123	.4337	CP146	-.4108	CP323	-.2502		

TEST

16

RUN 33

TP 3198.

MACH .600

Q

20035.9

P1

79513.2

ALPHA 16.84

CP101	.2172	CP124	.5379	CP301	-.3196	CP324	-.3023
CP102	.2364	CP125	.4945	CP302	-.2685	CP325	-.6221
CP103	.2375	CP126	.3354	CP303	-.2313	CP326	-.3438
CP104	.2462	CP127	.0697	CP304	-.2118	CP327	-.1708
CP105	.2802	CP128	-.2236	CP305	-.1632	CP328	-.1676
CP106	.2550	CP129	-1.2383	CP306	-.1551		
CP107	.2739	CP130	-1.3695	CP307	-.1569		
CP108	.2423	CP131	-1.2399	CP308	-.2619		
CP109	.2672	CP132	-.6458	CP309	-.2650		
CP110	.2352	CP133	-.5607	CP310	-.2393		
CP111	.4265	CP134	-.4165	CP311	-.2199		
CP112	.5196	CP135	.5049	CP312	-.1667		
CP113	.4693	CP136	.5328	CP313	-.1649		
CP114	.3290	CP137	.4940	CP314	-.1701		
CP115	.0677	CP138	.3035	CP315	-.2964		
CP116	-.2187	CP139	.0608	CP316	-.2625		
CP117	-1.2179	CP140	-.2520	CP317	-.2305		
CP118	-1.3302	CP141	-1.3449	CP318	-.2260		
CP119	-1.2014	CP142	-1.3449	CP319	-.2091		
CP120	-.6441	CP143	-1.2913	CP320	-.1735		
CP121	-.5930	CP144	-.6073	CP321	-.1791		
CP122	-.4468	CP145	-.5487	CP322	-.3183		
CP123	.4936	CP146	-.4465	CP323	-.2476		

TEST

16

RUN 33

TP 3199.

MACH .600

Q

20056.5

P1

79543.0

ALPHA 20.94

CP101	.3015	CP124	.5962	CP301	-.2407	CP324	-.3520
CP102	.3191	CP125	.5498	CP302	-.2270	CP325	-.7033
CP103	.3143	CP126	.3993	CP303	-.2234	CP326	-.2514
CP104	.3243	CP127	.1428	CP304	-.2223	CP327	-.1364
CP105	.3551	CP128	-.1460	CP305	-.1655	CP328	-.1242
CP106	.3338	CP129	-1.1904	CP306	-.1241		
CP107	.3494	CP130	-1.3735	CP307	-.1155		
CP108	.3171	CP131	-1.2307	CP308	-.2340		
CP109	.3336	CP132	-.6242	CP309	-.2320		
CP110	.3010	CP133	-.5402	CP310	-.2224		
CP111	.4762	CP134	-.4129	CP311	-.2240		
CP112	.5700	CP135	.5678	CP312	-.1741		
CP113	.5162	CP136	.5914	CP313	-.1211		
CP114	.3931	CP137	.5514	CP314	-.1222		
CP115	.1238	CP138	.3653	CP315	-.2499		
CP116	-.1590	CP139	.1292	CP316	-.2266		
CP117	-1.1803	CP140	-.1869	CP317	-.2191		
CP118	-1.3124	CP141	-1.2962	CP318	-.2373		
CP119	-1.2070	CP142	-1.4041	CP319	-.2222		
CP120	-.6277	CP143	-1.2915	CP320	-.1420		
CP121	-.5847	CP144	-.6084	CP321	-.1268		
CP122	-.4096	CP145	-.5621	CP322	-.2467		
CP123	.5527	CP146	-.4147	CP323	-.2594		

TEST

16

RUN 34

TP 3203.

MACH .400

Q

10178.2

P1

90881.6

ALPHA -1.61

CP101	-.0305	CP124	.1944	CP301	-.2936	CP324	-.3080
CP102	-.0207	CP125	.1366	CP302	-.3329	CP325	-.2686
CP103	-.0231	CP126	-.0457	CP303	-.3268	CP326	-.2219
CP104	-.0225	CP127	-.4042	CP304	-.2475	CP327	-.1953
CP105	.0063	CP128	-.9214	CP305	-.1879	CP328	-.2103
CP106	-.0125	CP129	-2.6794	CP306	-.1703		
CP107	.0013	CP130	-2.0913	CP307	-.1708		
CP108	-.0151	CP131	-1.4570	CP308	-.5885		
CP109	.0041	CP132	-.9342	CP309	-.3212		
CP110	-.0041	CP133	-.7056	CP310	-.2986		
CP111	.1546	CP134	-.3459	CP311	-.2460		
CP112	.1922	CP135	.1927	CP312	-.1772		
CP113	.1360	CP136	.2031	CP313	-.1638		
CP114	-.0480	CP137	.1413	CP314	-.1755		
CP115	-.3832	CP138	-.0882	CP315	-.5905		
CP116	-.8721	CP139	-.3974	CP316	-.4332		
CP117	-2.5673	CP140	-.8011	CP317	-.2718		
CP118	-1.9380	CP141	-2.1509	CP318	-.2476		
CP119	-1.3546	CP142	-1.6629	CP319	-.2067		
CP120	-.8598	CP143	-1.1562	CP320	-.1903		
CP121	-.7976	CP144	-.7493	CP321	-.2134		
CP122	-.6053	CP145	-.6419	CP322	-.4885		
CP123	.1780	CP146	-.3837	CP323	-.3918		

TEST

16

RUN 34

TP 3204.

MACH .400

Q

10175.5

P1

90879.8

ALPHA .30

CP101	-.0143	CP124	.2243	CP301	-.2580	CP324	-.2997
CP102	-.0039	CP125	.1633	CP302	-.3305	CP325	-.2697
CP103	-.0051	CP126	-.0197	CP303	-.3278	CP326	-.2272
CP104	-.0026	CP127	-.3812	CP304	-.2606	CP327	-.1985
CP105	.0278	CP128	-.8985	CP305	-.1840	CP328	-.2046
CP106	.0070	CP129	-2.6661	CP306	-.1629		
CP107	.0199	CP130	-2.0846	CP307	-.1604		
CP108	.0054	CP131	-1.4361	CP308	-.5731		
CP109	.0251	CP132	-.9257	CP309	-.2992		
CP110	.0177	CP133	-.8010	CP310	-.3045		
CP111	.1762	CP134	-.6407	CP311	-.2491		
CP112	.2183	CP135	.2090	CP312	-.1790		
CP113	.1621	CP136	.2205	CP313	-.1593		
CP114	-.0298	CP137	.1644	CP314	-.1661		
CP115	-.3666	CP138	-.0660	CP315	-.5905		
CP116	-.8556	CP139	-.3776	CP316	-.4307		
CP117	-2.5595	CP140	-.8581	CP317	-.2689		
CP118	-1.9369	CP141	-2.3029	CP318	-.2438		
CP119	-1.3507	CP142	-1.6485	CP319	-.1981		
CP120	-.8550	CP143	-1.1306	CP320	-.1834		
CP121	-.7869	CP144	-.7203	CP321	-.1930		
CP122	-.5935	CP145	-.6255	CP322	-.4750		
CP123	.2098	CP146	-.4614	CP323	-.3665		

TEST

16

RUN 34

TP 3205.

MACH .401

Q

10208.2

P1

90811.5

ALPHA 4.27

CP101	.0215	CP124	.2773	CP301	-.2679	CP324	-.3145
CP102	.0359	CP125	.2157	CP302	-.3344	CP325	-.2768
CP103	.0324	CP126	.0310	CP303	-.3367	CP326	-.2418
CP104	.0366	CP127	-.3318	CP304	-.2720	CP327	-.1974
CP105	.0686	CP128	-.8494	CP305	-.1833	CP328	-.1966
CP106	.0481	CP129	-2.6439	CP306	-.1573		
CP107	.0606	CP130	-2.0863	CP307	-.1473		
CP108	.0424	CP131	-1.4218	CP308	-.5460		
CP109	.0616	CP132	-.9176	CP309	-.3034		
CP110	.0545	CP133	-.7968	CP310	-.3213		
CP111	.2180	CP134	-.6327	CP311	-.2579		
CP112	.2698	CP135	.2641	CP312	-.1815		
CP113	.2124	CP136	.2784	CP313	-.1467		
CP114	.0173	CP137	.2181	CP314	-.1522		
CP115	-.3232	CP138	-.0086	CP315	-.5973		
CP116	-.8164	CP139	-.3260	CP316	-.3972		
CP117	-2.5462	CP140	-.8046	CP317	-.2610		
CP118	-1.9701	CP141	-2.2571	CP318	-.2420		
CP119	-1.3501	CP142	-1.5541	CP319	-.2028		
CP120	-.8667	CP143	-1.0718	CP320	-.1750		
CP121	-.8026	CP144	-.6845	CP321	-.1760		
CP122	-.6030	CP145	-.5912	CP322	-.4849		
CP123	.2541	CP146	-.4479	CP323	-.3591		

TEST

16

RUN 34

TP 3206.

MACH .401

Q

10219.7

P1

90794.0

ALPHA 8.35

CP101	.0736	CP124	.3313	CP301	-.2800	CP324	-.3677
CP102	.0847	CP125	.2648	CP302	-.3402	CP325	-.3473
CP103	.0839	CP126	.0831	CP303	-.3390	CP326	-.2503
CP104	.0872	CP127	-.2807	CP304	-.2663	CP327	-.2158
CP105	.1209	CP128	-.7959	CP305	-.1814	CP328	-.1954
CP106	.0989	CP129	-2.6111	CP306	-.1508		
CP107	.1125	CP130	-2.0904	CP307	-.1385		
CP108	.0925	CP131	-1.3921	CP308	-.4708		
CP109	.1113	CP132	-.9129	CP309	-.3166		
CP110	.1003	CP133	-.8008	CP310	-.3314		
CP111	.2683	CP134	-.6331	CP311	-.2597		
CP112	.3302	CP135	.3182	CP312	-.1762		
CP113	.2675	CP136	.3344	CP313	-.1479		
CP114	.0761	CP137	.2734	CP314	-.1405		
CP115	-.2725	CP138	.0483	CP315	-.6078		
CP116	-.7691	CP139	-.2723	CP316	-.3656		
CP117	-2.5483	CP140	-.7527	CP317	-.2637		
CP118	-2.0108	CP141	-2.2337	CP318	-.2425		
CP119	-1.3580	CP142	-1.5526	CP319	-.2099		
CP120	-.8856	CP143	-1.0194	CP320	-.1821		
CP121	-.8225	CP144	-.6380	CP321	-.1690		
CP122	-.6110	CP145	-.5795	CP322	-.4835		
CP123	.3092	CP146	-.4311	CP323	-.3493		

TEST

16

RUN 34

TP 3207.

MACH .400

Q

10170.3

P1

90841.7

ALPHA 12.49

CP101	.1370	CP124	.3946	CP301	-.3140	CP324	-.3506
CP102	.1499	CP125	.3286	CP302	-.3394	CP325	-.6041
CP103	.1495	CP126	.1458	CP303	-.3274	CP326	-.3122
CP104	.1550	CP127	-.2134	CP304	-.2573	CP327	-.2144
CP105	.1852	CP128	-.7307	CP305	-.1722	CP328	-.1900
CP106	.1621	CP129	-2.5501	CP306	-.1415		
CP107	.1750	CP130	-2.0717	CP307	-.1292		
CP108	.1534	CP131	-1.3433	CP308	-.4584		
CP109	.1737	CP132	-.9019	CP309	-.3102		
CP110	.1525	CP133	-.7910	CP310	-.3191		
CP111	.3215	CP134	-.6253	CP311	-.2440		
CP112	.3889	CP135	.3785	CP312	-.1731		
CP113	.3230	CP136	.3929	CP313	-.1421		
CP114	.1425	CP137	.3339	CP314	-.1368		
CP115	-.2082	CP138	.1179	CP315	-.6119		
CP116	-.7036	CP139	-.2109	CP316	-.3423		
CP117	-2.5396	CP140	-.6948	CP317	-.2592		
CP118	-2.0349	CP141	-2.2394	CP318	-.2363		
CP119	-1.3108	CP142	-1.5922	CP319	-.2127		
CP120	-.8867	CP143	-1.0330	CP320	-.2072		
CP121	-.8207	CP144	-.6748	CP321	-.1722		
CP122	-.6163	CP145	-.6155	CP322	-.4793		
CP123	.3677	CP146	-.4499	CP323	-.3446		

TEST

16

RUN 34

TP 3208.

MACH .400

Q

10160.6

P1

90857.9

ALPHA 16.58

CP101	.2019	CP124	.4581	CP301	-.3049	CP324	-.3598
CP102	.2196	CP125	.3899	CP302	-.3329	CP325	-.8106
CP103	.2181	CP126	.2136	CP303	-.3196	CP326	-.4030
CP104	.2235	CP127	-.1397	CP304	-.2398	CP327	-.2159
CP105	.2547	CP128	-.6494	CP305	-.1551	CP328	-.1848
CP106	.2309	CP129	-2.4590	CP306	-.1116		
CP107	.2464	CP130	-2.0021	CP307	-.0921		
CP108	.2199	CP131	-1.2597	CP308	-.4014		
CP109	.2368	CP132	-.8652	CP309	-.3120		
CP110	.2084	CP133	-.7605	CP310	-.3030		
CP111	.3719	CP134	-.5996	CP311	-.2255		
CP112	.4512	CP135	.4414	CP312	-.1522		
CP113	.3784	CP136	.4591	CP313	-.1109		
CP114	.2181	CP137	.3979	CP314	-.1030		
CP115	-.1376	CP138	.1919	CP315	-.6014		
CP116	-.6410	CP139	-.1253	CP316	-.3073		
CP117	-2.4781	CP140	-.6036	CP317	-.2438		
CP118	-2.0133	CP141	-2.0976	CP318	-.2202		
CP119	-1.2619	CP142	-1.4510	CP319	-.1996		
CP120	-.8659	CP143	-.9504	CP320	-.2021		
CP121	-.8013	CP144	-.6180	CP321	-.1543		
CP122	-.5979	CP145	-.5729	CP322	-.4642		
CP123	.4299	CP146	-.4270	CP323	-.3359		

TEST

16

RUN 34

TP 3209.

MACH .400

Q

10184.0

PI

90849.9

ALPHA 20.64

CP101	.2866	CP124	.5242	CP301	-.2602	CP324	-.4450
CP102	.3011	CP125	.4549	CP302	-.3039	CP325	-.9626
CP103	.3050	CP126	.2862	CP303	-.2778	CP326	-.3813
CP104	.3034	CP127	-.0560	CP304	-.1946	CP327	-.2153
CP105	.3332	CP128	-.5541	CP305	-.1135	CP328	-.1700
CP106	.3097	CP129	-2.3462	CP306	-.0671		
CP107	.3280	CP130	-1.9107	CP307	-.0402		
CP108	.2928	CP131	-1.1734	CP308	-.3059		
CP109	.3099	CP132	-.8161	CP309	-.2976		
CP110	.2664	CP133	-.7197	CP310	-.2810		
CP111	.4260	CP134	-.5664	CP311	-.1936		
CP112	.5085	CP135	.5094	CP312	-.1208		
CP113	.4306	CP136	.5220	CP313	-.0851		
CP114	.2873	CP137	.4590	CP314	-.0700		
CP115	-.0744	CP138	.2708	CP315	-.5651		
CP116	-.5747	CP139	-.0312	CP316	-.2484		
CP117	-2.3962	CP140	-.4770	CP317	-.2197		
CP118	-1.9558	CP141	-1.8792	CP318	-.1902		
CP119	-1.1966	CP142	-1.2972	CP319	-.1747		
CP120	-.8387	CP143	-.8069	CP320	-.1658		
CP121	-.7763	CP144	-.5007	CP321	-.1135		
CP122	-.5728	CP145	-.4719	CP322	-.4442		
CP123	.4944	CP146	-.3666	CP323	-.3326		

TEST

16

RUN 35

TP 3219.

MACH .400

Q

10141.5

P1

90570.0

ALPHA -1.92

CP101	-.0324	CP124	.2003	CP301	-.3460	CP324	-.2868
CP102	-.0226	CP125	.1417	CP302	-.3637	CP325	-.2852
CP103	-.0264	CP126	-.0375	CP303	-.3377	CP326	-.2706
CP104	-.0236	CP127	-.3850	CP304	-.2319	CP327	-.2039
CP105	.0116	CP128	-.8843	CP305	-.1262	CP328	-.1334
CP106	-.0140	CP129	-2.5148	CP306	-.1062		
CP107	.0031	CP130	-1.9052	CP307	-.0871		
CP108	-.0137	CP131	-1.3342	CP308	-.4103		
CP109	.0023	CP132	-.7456	CP309	-.3733		
CP110	-.0049	CP133	-.5499	CP310	-.3162		
CP111	.1541	CP134	-.4805	CP311	-.2192		
CP112	.1934	CP135	.1906	CP312	-.1272		
CP113	.1362	CP136	.2022	CP313	-.1001		
CP114	-.0470	CP137	.1496	CP314	-.0892		
CP115	-.3810	CP138	-.0755	CP315	-.4301		
CP116	-.8685	CP139	-.3569	CP316	-.3712		
CP117	-2.5721	CP140	-.7815	CP317	-.2883		
CP118	-1.9083	CP141	-1.9347	CP318	-.2009		
CP119	-1.3550	CP142	-1.2568	CP319	-.1267		
CP120	-.7646	CP143	-.9069	CP320	-.0970		
CP121	-.6041	CP144	-.4797	CP321	-.0944		
CP122	-.4694	CP145	-.3787	CP322	-.3539		
CP123	.1840	CP146	-.3294	CP323	-.3028		

TEST

16

RUN 35

TP 3220.

MACH .401

Q

10167.6

P1

90528.6

ALPHA

.01

CP101	-.0091	CP124	.2254	CP301	-.3476	CP324	-.2840
CP102	.0013	CP125	.1632	CP302	-.3570	CP325	-.2995
CP103	-.0024	CP126	-.0133	CP303	-.3305	CP326	-.3031
CP104	-.0000	CP127	-.3640	CP304	-.2241	CP327	-.2341
CP105	.0352	CP128	-.8631	CP305	-.1278	CP328	-.1612
CP106	.0106	CP129	-2.4951	CP306	-.0965		
CP107	.0243	CP130	-1.8986	CP307	-.0792		
CP108	.0070	CP131	-1.3288	CP308	-.4111		
CP109	.0243	CP132	-.7396	CP309	-.3721		
CP110	.0173	CP133	-.5520	CP310	-.3175		
CP111	.1764	CP134	-.4786	CP311	-.2181		
CP112	.2181	CP135	.2135	CP312	-.1286		
CP113	.1587	CP136	.2262	CP313	-.1015		
CP114	-.0290	CP137	.1723	CP314	-.0900		
CP115	-.3631	CP138	-.0521	CP315	-.4363		
CP116	-.8507	CP139	-.3385	CP316	-.3758		
CP117	-2.5577	CP140	-.7648	CP317	-.2879		
CP118	-1.8982	CP141	-1.9324	CP318	-.1988		
CP119	-1.3403	CP142	-1.2609	CP319	-.1234		
CP120	-.7629	CP143	-.8902	CP320	-.0872		
CP121	-.5990	CP144	-.4733	CP321	-.0830		
CP122	-.4661	CP145	-.3801	CP322	-.3482		
CP123	.2057	CP146	-.3408	CP323	-.3014		

TEST

16

RUN 35

TP 3221.

MACH .400

Q

10140.7

P1

90553.6

ALPHA 4.00

CP101	.0281	CP124	.2773	CP301	-.3497	CP324	-.3086
CP102	.0382	CP125	.2166	CP302	-.3639	CP325	-.2989
CP103	.0334	CP126	.0337	CP303	-.3390	CP326	-.3224
CP104	.0377	CP127	-.3210	CP304	-.2314	CP327	-.3150
CP105	.0738	CP128	-.8193	CP305	-.1295	CP328	-.2433
CP106	.0483	CP129	-2.4757	CP306	-.0856		
CP107	.0631	CP130	-1.9016	CP307	-.0717		
CP108	.0450	CP131	-1.2979	CP308	-.4153		
CP109	.0635	CP132	-.7358	CP309	-.3792		
CP110	.0564	CP133	-.5490	CP310	-.3186		
CP111	.2196	CP134	-.4766	CP311	-.2221		
CP112	.2710	CP135	.2658	CP312	-.1302		
CP113	.2127	CP136	.2815	CP313	-.0857		
CP114	.0194	CP137	.2256	CP314	-.0726		
CP115	-.3179	CP138	.0011	CP315	-.4380		
CP116	-.8070	CP139	-.2932	CP316	-.3780		
CP117	-2.5143	CP140	-.7282	CP317	-.2834		
CP118	-1.9062	CP141	-1.9267	CP318	-.1926		
CP119	-1.3170	CP142	-1.2613	CP319	-.1139		
CP120	-.7582	CP143	-.8775	CP320	-.0670		
CP121	-.5941	CP144	-.4695	CP321	-.0545		
CP122	-.4731	CP145	-.3779	CP322	-.3423		
CP123	.2542	CP146	-.3367	CP323	-.2913		

TEST

16

RUN 35

TP 3222.

MACH .400

Q

10154.0

P1

90533.5

ALPHA 8.08

CP101	.0755	CP124	.3372	CP301	-.3451	CP324	-.2944
CP102	.0659	CP125	.2716	CP302	-.3673	CP325	-.5777
CP103	.0842	CP126	.0911	CP303	-.3420	CP326	-.2821
CP104	.0886	CP127	-.2617	CP304	-.2313	CP327	-.2542
CP105	.1255	CP128	-.7653	CP305	-.1283	CP328	-.1927
CP106	.0993	CP129	-2.4621	CP306	-.0779		
CP107	.1134	CP130	-1.9140	CP307	-.0564		
CP108	.0937	CP131	-1.2744	CP308	-.4184		
CP109	.1111	CP132	-.7337	CP309	-.3772		
CP110	.1009	CP133	-.5549	CP310	-.3233		
CP111	.2669	CP134	-.4922	CP311	-.2160		
CP112	.3314	CP135	.3214	CP312	-.1198		
CP113	.2703	CP136	.3367	CP313	-.0729		
CP114	.0792	CP137	.2819	CP314	-.0589		
CP115	-.2632	CP138	.0623	CP315	-.4372		
CP116	-.7514	CP139	-.2385	CP316	-.3726		
CP117	-2.5029	CP140	-.6723	CP317	-.2771		
CP118	-1.9240	CP141	-1.8986	CP318	-.1795		
CP119	-1.2995	CP142	-1.2503	CP319	-.0999		
CP120	-.7594	CP143	-.6451	CP320	-.0521		
CP121	-.6025	CP144	-.4558	CP321	-.0373		
CP122	-.4763	CP145	-.3716	CP322	-.3273		
CP123	.3124	CP146	-.3275	CP323	-.2840		

TEST

16

RUN 35

TP 3223.

MACH .400

Q

10152.0

PI

90550.5

ALPHA 12.17

CP101	.1348	CP124	.3974	CP301	-.3424	CP324	-.2937
CP102	.1469	CP125	.3304	CP302	-.3597	CP325	-.5801
CP103	.1465	CP126	.1557	CP303	-.3258	CP326	-.3583
CP104	.1488	CP127	-.1910	CP304	-.2202	CP327	-.1840
CP105	.1857	CP128	-.6879	CP305	-.1181	CP328	-.1249
CP106	.1613	CP129	-2.3795	CP306	-.0628		
CP107	.1749	CP130	-1.8624	CP307	-.0375		
CP108	.1521	CP131	-1.2141	CP308	-.4070		
CP109	.1700	CP132	-.7098	CP309	-.3593		
CP110	.1512	CP133	-.5456	CP310	-.3038		
CP111	.3197	CP134	-.4822	CP311	-.1968		
CP112	.3930	CP135	.3815	CP312	-.1066		
CP113	.3268	CP136	.3981	CP313	-.0567		
CP114	.1478	CP137	.3395	CP314	-.0427		
CP115	-.1923	CP138	.1275	CP315	-.4218		
CP116	-.6829	CP139	-.1678	CP316	-.3599		
CP117	-2.4388	CP140	-.6026	CP317	-.2599		
CP118	-1.9262	CP141	-1.8555	CP318	-.1648		
CP119	-1.2275	CP142	-1.2446	CP319	-.0910		
CP120	-.7285	CP143	-.8033	CP320	-.0763		
CP121	-.5787	CP144	-.4464	CP321	-.1597		
CP122	-.4608	CP145	-.3652	CP322	-.2951		
CP123	.3700	CP146	-.3263	CP323	-.2669		

TEST

16

RUN 35

TP 3224.

MACH .400

Q

10139.2

P1

90562.9

ALPHA 16.23

CP101	.2036	CP124	.4630	CP301	-.3347	CP324	-.2932
CP102	.2163	CP125	.3967	CP302	-.3458	CP325	-.6623
CP103	.2138	CP126	.2239	CP303	-.3054	CP326	-.4376
CP104	.2223	CP127	-.1145	CP304	-.1946	CP327	-.1656
CP105	.2572	CP128	-.6005	CP305	-.0973	CP328	-.1073
CP106	.2303	CP129	-2.2497	CP306	-.0424		
CP107	.2458	CP130	-1.7836	CP307	-.0187		
CP108	.2171	CP131	-1.0938	CP308	-.3895		
CP109	.2384	CP132	-.6571	CP309	-.3402		
CP110	.2084	CP133	-.5024	CP310	-.2808		
CP111	.3733	CP134	-.4537	CP311	-.1765		
CP112	.4521	CP135	.4455	CP312	-.0862		
CP113	.3772	CP136	.4601	CP313	-.0389		
CP114	.2265	CP137	.4017	CP314	-.0253		
CP115	-.1203	CP138	.2009	CP315	-.3959		
CP116	-.6054	CP139	-.0964	CP316	-.3307		
CP117	-2.3564	CP140	-.5277	CP317	-.2323		
CP118	-1.8747	CP141	-1.8231	CP318	-.1380		
CP119	-1.1649	CP142	-1.2137	CP319	-.0759		
CP120	-.6903	CP143	-.7590	CP320	-.1099		
CP121	-.5493	CP144	-.4179	CP321	-.1342		
CP122	-.4382	CP145	-.3509	CP322	-.2582		
CP123	.4318	CP146	-.3195	CP323	-.2494		

TEST

16

RUN 35

TP 3225.

MACH .400

Q

10147.2

P1

90553.8

ALPHA 20.29

CP101	.2832	CP124	.5244	CP301	-.3058	CP324	-.3482
CP102	.2947	CP125	.4591	CP302	-.3178	CP325	-1.1796
CP103	.2931	CP126	.2977	CP303	-.2752	CP326	-.3563
CP104	.2974	CP127	-.0289	CP304	-.1629	CP327	-.1525
CP105	.3321	CP128	-.5005	CP305	-.0639	CP328	-.1154
CP106	.3047	CP129	-2.0981	CP306	-.0124		
CP107	.3219	CP130	-1.6732	CP307	.0088		
CP108	.2874	CP131	-.9878	CP308	-.3621		
CP109	.3072	CP132	-.5991	CP309	-.3124		
CP110	.2650	CP133	-.4520	CP310	-.2513		
CP111	.4276	CP134	-.4090	CP311	-.1351		
CP112	.5119	CP135	.5115	CP312	-.0528		
CP113	.4335	CP136	.5272	CP313	-.0147		
CP114	.2939	CP137	.4708	CP314	-.0153		
CP115	-.0567	CP138	.2797	CP315	-.3634		
CP116	-.5384	CP139	-.0141	CP316	-.2994		
CP117	-2.2432	CP140	-.4422	CP317	-.1968		
CP118	-1.7946	CP141	-1.7190	CP318	-.0999		
CP119	-1.0699	CP142	-1.1583	CP319	-.0840		
CP120	-.6471	CP143	-.6960	CP320	-.0943		
CP121	-.5141	CP144	-.3704	CP321	-.0624		
CP122	-.4091	CP145	-.3157	CP322	-.2236		
CP123	.4974	CP146	-.2858	CP323	-.2778		

TEST

16

RUN 36

TP 3228.

MACH .600

Q

19935.0

P1

79216.2

ALPHA -1.96

CP101	-.0252	CP124	.2749	CP301	-.3029	CP324	-.2387
CP102	-.0130	CP125	.2427	CP302	-.2762	CP325	-.2278
CP103	-.0175	CP126	.0780	CP303	-.2526	CP326	-.1832
CP104	-.0113	CP127	-.1846	CP304	-.2088	CP327	-.1460
CP105	.0273	CP128	-.4824	CP305	-.1480	CP328	-.1348
CP106	.0015	CP129	-1.4116	CP306	-.1358		
CP107	.0170	CP130	-1.2149	CP307	-.1409		
CP108	-.0045	CP131	-1.1672	CP308	-.3114		
CP109	.0160	CP132	-.5817	CP309	-.2805		
CP110	.0101	CP133	-.4335	CP310	-.2569		
CP111	.2020	CP134	-.3670	CP311	-.2175		
CP112	.2585	CP135	.2479	CP312	-.1517		
CP113	.2347	CP136	.2740	CP313	-.1309		
CP114	.0579	CP137	.2427	CP314	-.1373		
CP115	-.1789	CP138	.0255	CP315	-.3112		
CP116	-.4702	CP139	-.2006	CP316	-.2808		
CP117	-1.3961	CP140	-.5161	CP317	-.2506		
CP118	-1.1787	CP141	-1.5269	CP318	-.2165		
CP119	-1.1183	CP142	-1.1989	CP319	-.1506		
CP120	-.6108	CP143	-1.1430	CP320	-.1275		
CP121	-.4849	CP144	-.5556	CP321	-.1386		
CP122	-.3653	CP145	-.4317	CP322	-.2728		
CP123	.2400	CP146	-.3571	CP323	-.2425		

TEST

16

RUN 36

TP 3229.

MACH .600

0

19973.0

P1

79173.1

ALPHA -.01

CP101	-.0063	CP124	.3002	CP301	-.3056	CP324	-.2364
CP102	.0044	CP125	.2699	CP302	-.2697	CP325	-.2304
CP103	.0008	CP126	.1010	CP303	-.2473	CP326	-.1820
CP104	.0077	CP127	-.1612	CP304	-.2106	CP327	-.1450
CP105	.0458	CP128	-.4579	CP305	-.1500	CP328	-.1332
CP106	.0181	CP129	-1.3941	CP306	-.1329		
CP107	.0362	CP130	-1.2156	CP307	-.1361		
CP108	.0165	CP131	-1.1638	CP308	-.3097		
CP109	.0402	CP132	-.5826	CP309	-.2758		
CP110	.0349	CP133	-.4321	CP310	-.2514		
CP111	.2256	CP134	-.3619	CP311	-.2139		
CP112	.2847	CP135	.2739	CP312	-.1483		
CP113	.2600	CP136	.3013	CP313	-.1285		
CP114	.0798	CP137	.2664	CP314	-.1368		
CP115	-.1614	CP138	.0545	CP315	-.3069		
CP116	-.4515	CP139	-.1748	CP316	-.2741		
CP117	-1.3815	CP140	-.4903	CP317	-.2470		
CP118	-1.1751	CP141	-1.5088	CP318	-.2138		
CP119	-1.1041	CP142	-1.1960	CP319	-.1555		
CP120	-.6087	CP143	-1.1442	CP320	-.1257		
CP121	-.4839	CP144	-.5576	CP321	-.1399		
CP122	-.3633	CP145	-.4214	CP322	-.2674		
CP123	.2611	CP146	-.3477	CP323	-.2378		

TEST

16

RUN 36

TP 3230.

MACH .600

Q

19961.0

P1

79181.6

ALPHA 4.06

CP101	.0338	CP124	.3564	CP301	-.3079	CP324	-.2467
CP102	.0439	CP125	.3218	CP302	-.2702	CP325	-.2567
CP103	.0432	CP126	.1507	CP303	-.2469	CP326	-.2011
CP104	.0511	CP127	-.1149	CP304	-.2106	CP327	-.1436
CP105	.0912	CP128	-.4136	CP305	-.1495	CP328	-.1300
CP106	.0638	CP129	-1.3673	CP306	-.1252		
CP107	.0814	CP130	-1.2258	CP307	-.1306		
CP108	.0583	CP131	-1.1768	CP308	-.3135		
CP109	.0824	CP132	-.5944	CP309	-.2749		
CP110	.0780	CP133	-.4425	CP310	-.2508		
CP111	.2720	CP134	-.3690	CP311	-.2219		
CP112	.3433	CP135	.3254	CP312	-.1521		
CP113	.3133	CP136	.3567	CP313	-.1255		
CP114	.1298	CP137	.3203	CP314	-.1354		
CP115	-.1189	CP138	.1096	CP315	-.3138		
CP116	-.4077	CP139	-.1274	CP316	-.2769		
CP117	-1.3551	CP140	-.4462	CP317	-.2477		
CP118	-1.1897	CP141	-1.4804	CP318	-.2187		
CP119	-1.1114	CP142	-1.2103	CP319	-.1560		
CP120	-.6162	CP143	-1.1572	CP320	-.1233		
CP121	-.4857	CP144	-.5597	CP321	-.1377		
CP122	-.3677	CP145	-.4208	CP322	-.2586		
CP123	.3154	CP146	-.3612	CP323	-.2262		

TEST

16

RUN 36

TP 3231.

MACH .600

Q

19940.7

P1

79193.2

ALPHA 8.24

CP101	.0864	CP124	.4140	CP301	-.3158	CP324	-.2739
CP102	.0988	CP125	.3757	CP302	-.2828	CP325	-.4120
CP103	.0974	CP126	.2053	CP303	-.2590	CP326	-.2227
CP104	.1042	CP127	-.0643	CP304	-.2200	CP327	-.1470
CP105	.1453	CP128	-.3628	CP305	-.1512	CP328	-.1306
CP106	.1209	CP129	-1.3340	CP306	-.1264		
CP107	.1344	CP130	-1.2668	CP307	-.1338		
CP108	.1114	CP131	-1.1987	CP308	-.3247		
CP109	.1344	CP132	-.6129	CP309	-.2823		
CP110	.1263	CP133	-.4534	CP310	-.2612		
CP111	.3200	CP134	-.3889	CP311	-.2361		
CP112	.4027	CP135	.3833	CP312	-.1631		
CP113	.3702	CP136	.4115	CP313	-.1270		
CP114	.1938	CP137	.3770	CP314	-.1427		
CP115	-.0644	CP138	.1668	CP315	-.3265		
CP116	-.3533	CP139	-.0738	CP316	-.2866		
CP117	-1.3162	CP140	-.3941	CP317	-.2510		
CP118	-1.2258	CP141	-1.4483	CP318	-.2308		
CP119	-1.1342	CP142	-1.2363	CP319	-.1792		
CP120	-.6329	CP143	-1.1814	CP320	-.1416		
CP121	-.5037	CP144	-.5651	CP321	-.1459		
CP122	-.3910	CP145	-.4299	CP322	-.2593		
CP123	.3695	CP146	-.3816	CP323	-.2306		

TEST

16

RUN 36

TP 3232.

MACH .601

Q

19992.4

P1

79151.2

ALPHA 12.43

CP101	.1475	CP124	.4736	CP301	-.3277	CP324	-.2981
CP102	.1610	CP125	.4371	CP302	-.2945	CP325	-.5201
CP103	.1565	CP126	.2655	CP303	-.2653	CP326	-.3427
CP104	.1688	CP127	.0027	CP304	-.2277	CP327	-.1257
CP105	.2083	CP128	-.2935	CP305	-.1588	CP328	-.1159
CP106	.1800	CP129	-1.2807	CP306	-.1306		
CP107	.1952	CP130	-1.2949	CP307	-.1274		
CP108	.1701	CP131	-1.2142	CP308	-.3353		
CP109	.1919	CP132	-.6151	CP309	-.2924		
CP110	.1751	CP133	-.4631	CP310	-.2664		
CP111	.3685	CP134	-.4034	CP311	-.2443		
CP112	.4597	CP135	.4432	CP312	-.1658		
CP113	.4156	CP136	.4729	CP313	-.1224		
CP114	.2568	CP137	.4369	CP314	-.1429		
CP115	.0028	CP138	.2308	CP315	-.3388		
CP116	-.2863	CP139	-.0131	CP316	-.2972		
CP117	-1.2663	CP140	-.3273	CP317	-.2552		
CP118	-1.2581	CP141	-1.3978	CP318	-.2320		
CP119	-1.1623	CP142	-1.2691	CP319	-.1762		
CP120	-.6418	CP143	-1.1922	CP320	-.1457		
CP121	-.5093	CP144	-.5599	CP321	-.1444		
CP122	-.4010	CP145	-.4432	CP322	-.2468		
CP123	.4311	CP146	-.3749	CP323	-.2297		

TEST

16

RUN 36

TP 3233.

MACH .601

Q

19992.6

P1

79159.1

ALPHA 16.53

CP101	.2184	CP124	.5323	CP301	-.3233	CP324	-.3102
CP102	.2318	CP125	.4891	CP302	-.2810	CP325	-.6735
CP103	.2360	CP126	.3319	CP303	-.2536	CP326	-.4042
CP104	.2418	CP127	.0669	CP304	-.2261	CP327	-.1173
CP105	.2779	CP128	-.2254	CP305	-.1667	CP328	-.0987
CP106	.2513	CP129	-1.2344	CP306	-.1188		
CP107	.2734	CP130	-1.3164	CP307	-.1011		
CP108	.2385	CP131	-1.2161	CP308	-.3334		
CP109	.2578	CP132	-.6081	CP309	-.2862		
CP110	.2324	CP133	-.4540	CP310	-.2560		
CP111	.4201	CP134	-.3911	CP311	-.2272		
CP112	.5166	CP135	.5028	CP312	-.1631		
CP113	.4682	CP136	.5289	CP313	-.1121		
CP114	.3264	CP137	.4923	CP314	-.1163		
CP115	.0669	CP138	.2986	CP315	-.3332		
CP116	-.2223	CP139	.0566	CP316	-.2867		
CP117	-1.2172	CP140	-.2595	CP317	-.2404		
CP118	-1.2749	CP141	-1.3489	CP318	-.2285		
CP119	-1.1663	CP142	-1.3026	CP319	-.1928		
CP120	-.6302	CP143	-1.1821	CP320	-.1583		
CP121	-.5020	CP144	-.5604	CP321	-.1160		
CP122	-.3947	CP145	-.4236	CP322	-.2282		
CP123	.4868	CP146	-.3801	CP323	-.2362		

TEST

16

RUN 36

TP 3234.

MACH .600

Q

19975.0

P1

79192.0

ALPHA 17.50

CP101	.2402	CP124	.5455	CP301	-.3157	CP324	-.3199
CP102	.2546	CP125	.5009	CP302	-.2795	CP325	-.7437
CP103	.2507	CP126	.3478	CP303	-.2465	CP326	-.3710
CP104	.2589	CP127	.0852	CP304	-.2263	CP327	-.1161
CP105	.2965	CP128	-.2085	CP305	-.1663	CP328	-.0903
CP106	.2672	CP129	-1.2255	CP306	-.1129		
CP107	.2869	CP130	-1.3212	CP307	-.0975		
CP108	.2525	CP131	-1.2062	CP308	-.3322		
CP109	.2778	CP132	-.6000	CP309	-.2806		
CP110	.2465	CP133	-.4513	CP310	-.2489		
CP111	.4332	CP134	-.3949	CP311	-.2173		
CP112	.5304	CP135	.5150	CP312	-.1632		
CP113	.4791	CP136	.5421	CP313	-.1080		
CP114	.3387	CP137	.5023	CP314	-.1101		
CP115	.0796	CP138	.3148	CP315	-.3322		
CP116	-.2074	CP139	.0704	CP316	-.2817		
CP117	-1.2079	CP140	-.2416	CP317	-.2323		
CP118	-1.2760	CP141	-1.3373	CP318	-.2216		
CP119	-1.1624	CP142	-1.3265	CP319	-.1970		
CP120	-.6266	CP143	-1.1973	CP320	-.1548		
CP121	-.4948	CP144	-.5595	CP321	-.1057		
CP122	-.3878	CP145	-.4343	CP322	-.2205		
CP123	.5010	CP146	-.3618	CP323	-.2406		

TEST

16

RUN 37

TP 3252.

MACH .400

Q

10300.7

P1

91843.1

ALPHA -1.92

CP101	-.0320	CP124	.1895	CP301	-.3628	CP324	-.2843
CP102	-.0211	CP125	.1306	CP302	-.3257	CP325	-.2823
CP103	-.0309	CP126	-.0491	CP303	-.3106	CP326	-.2915
CP104	-.0194	CP127	-.3947	CP304	-.2352	CP327	-.2407
CP105	.0061	CP128	-.8874	CP305	-.1543	CP328	-.1622
CP106	-.0165	CP129	-2.3911	CP306	-.1003		
CP107	-.0042	CP130	-1.3210	CP307	-.0812		
CP108	-.0200	CP131	-1.0685	CP308	-.4107		
CP109	-.0004	CP132	-.5394	CP309	-.3447		
CP110	-.0075	CP133	-.4194	CP310	-.3011		
CP111	.1496	CP134	-.3743	CP311	-.2301		
CP112	.1846	CP135	.1897	CP312	-.1486		
CP113	.1250	CP136	.1950	CP313	-.0981		
CP114	-.0587	CP137	.1280	CP314	-.0821		
CP115	-.3918	CP138	-.0979	CP315	-.4110		
CP116	-.8826	CP139	-.4076	CP316	-.3361		
CP117	-2.5018	CP140	-.8809	CP317	-.2850		
CP118	-1.3855	CP141	-2.1961	CP318	-.2130		
CP119	-1.1184	CP142	-1.1539	CP319	-.1491		
CP120	-.5745	CP143	-.9142	CP320	-.0936		
CP121	-.4454	CP144	-.4273	CP321	-.0792		
CP122	-.3811	CP145	-.3434	CP322	-.3363		
CP123	.1787	CP146	-.3027	CP323	-.2941		

TEST

16

RUN 37

TP 3253.

MACH .400

Q

10300.7

P1

91841.4

ALPHA .00

CP101	-.0154	CP124	.2169	CP301	-.3649	CP324	-.2822
CP102	-.0015	CP125	.1510	CP302	-.3279	CP325	-.3012
CP103	-.0105	CP126	-.0258	CP303	-.3118	CP326	-.3208
CP104	-.0027	CP127	-.3734	CP304	-.2388	CP327	-.2667
CP105	.0282	CP128	-.8687	CP305	-.1528	CP328	-.1939
CP106	.0041	CP129	-2.4154	CP306	-.0934		
CP107	.0170	CP130	-1.3222	CP307	-.0746		
CP108	.0012	CP131	-1.0701	CP308	-.4056		
CP109	.0206	CP132	-.5320	CP309	-.3437		
CP110	.0147	CP133	-.4233	CP310	-.3010		
CP111	.1715	CP134	-.3702	CP311	-.2277		
CP112	.2128	CP135	.2100	CP312	-.1547		
CP113	.1523	CP136	.2175	CP313	-.0979		
CP114	-.0384	CP137	.1511	CP314	-.0762		
CP115	-.3734	CP138	-.0740	CP315	-.4075		
CP116	-.8654	CP139	-.3881	CP316	-.3382		
CP117	-2.4909	CP140	-.8664	CP317	-.2810		
CP118	-1.3749	CP141	-2.2008	CP318	-.2082		
CP119	-1.1076	CP142	-1.1627	CP319	-.1436		
CP120	-.5651	CP143	-.9148	CP320	-.0901		
CP121	-.4360	CP144	-.4244	CP321	-.0701		
CP122	-.3783	CP145	-.3363	CP322	-.3322		
CP123	.2014	CP146	-.2975	CP323	-.2867		

TEST

16

RUN 37

TP 3254.

MACH .400

Q

10300.2

P1

91935.6

ALPHA 3.97

CP101	.0210	CP124	.2704	CP301	-.3771	CP324	-.2929
CP102	.0354	CP125	.2005	CP302	-.3388	CP325	-.3142
CP103	.0248	CP126	.0219	CP303	-.3230	CP326	-.3342
CP104	.0348	CP127	-.3353	CP304	-.2430	CP327	-.3386
CP105	.0675	CP128	-.8403	CP305	-.1540	CP328	-.2759
CP106	.0431	CP129	-2.4389	CP306	-.0912		
CP107	.0573	CP130	-1.3344	CP307	-.0679		
CP108	.0411	CP131	-1.0718	CP308	-.4146		
CP109	.0616	CP132	-.5355	CP309	-.3479		
CP110	.0566	CP133	-.4248	CP310	-.3054		
CP111	.2176	CP134	-.3769	CP311	-.2252		
CP112	.2664	CP135	.2590	CP312	-.1437		
CP113	.2015	CP136	.2680	CP313	-.0880		
CP114	.0084	CP137	.2031	CP314	-.0624		
CP115	-.3342	CP138	-.0222	CP315	-.4117		
CP116	-.8268	CP139	-.3482	CP316	-.3438		
CP117	-2.4835	CP140	-.8323	CP317	-.2817		
CP118	-1.3815	CP141	-2.2100	CP318	-.1997		
CP119	-1.0932	CP142	-1.1582	CP319	-.1342		
CP120	-.5666	CP143	-.9042	CP320	-.0741		
CP121	-.4360	CP144	-.4124	CP321	-.0501		
CP122	-.3855	CP145	-.3548	CP322	-.3285		
CP123	.2503	CP146	-.3051	CP323	-.2860		

TEST

16

RUN 37

TP 3255.

MACH .400

Q

10287.9

P1

91844.2

ALPHA 8.03

CP101	.0724	CP124	.3277	CP301	-.3735	CP324	-.2900
CP102	.0855	CP125	.2552	CP302	-.3396	CP325	-.5769
CP103	.0780	CP126	.0786	CP303	-.3230	CP326	-.2999
CP104	.0660	CP127	-.2817	CP304	-.2377	CP327	-.2853
CP105	.1182	CP128	-.7803	CP305	-.1471	CP328	-.2159
CP106	.0941	CP129	-2.4014	CP306	-.0834		
CP107	.1097	CP130	-1.3220	CP307	-.0543		
CP108	.0904	CP131	-1.0482	CP308	-.4178		
CP109	.1113	CP132	-.5177	CP309	-.3567		
CP110	.0994	CP133	-.4274	CP310	-.3107		
CP111	.2661	CP134	-.3775	CP311	-.2219		
CP112	.3256	CP135	.3172	CP312	-.1320		
CP113	.2560	CP136	.3261	CP313	-.0738		
CP114	.0673	CP137	.2587	CP314	-.0542		
CP115	-.2774	CP138	.0377	CP315	-.4116		
CP116	-.7753	CP139	-.2892	CP316	-.3493		
CP117	-2.4603	CP140	-.7789	CP317	-.2845		
CP118	-1.3742	CP141	-2.1998	CP318	-.1892		
CP119	-1.0657	CP142	-1.1374	CP319	-.1129		
CP120	-.5489	CP143	-.8878	CP320	-.0557		
CP121	-.4439	CP144	-.4025	CP321	-.0302		
CP122	-.4007	CP145	-.3420	CP322	-.3227		
CP123	.3082	CP146	-.3080	CP323	-.2799		

TEST

16

RUN 37

TP 3257.

MACH .400

Q

10291.5

P1

91850.0

ALPHA 12.11

CP101	.1341	CP124	.3918	CP301	-.3664	CP324	-.2968
CP102	.1484	CP125	.3155	CP302	-.3321	CP325	-.5852
CP103	.1416	CP126	.1441	CP303	-.3154	CP326	-.3761
CP104	.1476	CP127	-.2128	CP304	-.2265	CP327	-.2173
CP105	.1820	CP128	-.7144	CP305	-.1252	CP328	-.1639
CP106	.1571	CP129	-2.3720	CP306	-.0633		
CP107	.1713	CP130	-1.3199	CP307	-.0339		
CP108	.1516	CP131	-1.0096	CP308	-.4102		
CP109	.1680	CP132	-.4999	CP309	-.3452		
CP110	.1504	CP133	-.4201	CP310	-.2957		
CP111	.3189	CP134	-.3746	CP311	-.2056		
CP112	.3861	CP135	.3721	CP312	-.1136		
CP113	.3126	CP136	.3856	CP313	-.0559		
CP114	.1324	CP137	.3174	CP314	-.0378		
CP115	-.2102	CP138	.1046	CP315	-.4023		
CP116	-.7067	CP139	-.2235	CP316	-.3395		
CP117	-2.4405	CP140	-.7064	CP317	-.2677		
CP118	-1.3788	CP141	-2.1529	CP318	-.1810		
CP119	-1.0310	CP142	-1.1189	CP319	-.1044		
CP120	-.5207	CP143	-.8495	CP320	-.0670		
CP121	-.4358	CP144	-.3679	CP321	-.1533		
CP122	-.3913	CP145	-.3254	CP322	-.3016		
CP123	.3655	CP146	-.2979	CP323	-.2660		

TEST

16

RUN 37

TP 3258.

MACH .400

Q

10281.6

P1

91863.0

ALPHA 16.11

CP101	.1992	CP124	.4541	CP301	-.3530	CP324	-.2998
CP102	.2155	CP125	.3801	CP302	-.3129	CP325	-.6926
CP103	.2115	CP126	.2183	CP303	-.2920	CP326	-.4588
CP104	.2220	CP127	-.1385	CP304	-.2035	CP327	-.1985
CP105	.2494	CP128	-.6269	CP305	-.1058	CP328	-.1363
CP106	.2263	CP129	-2.2888	CP306	-.0393		
CP107	.2378	CP130	-1.2919	CP307	-.0080		
CP108	.2156	CP131	-.9433	CP308	-.3866		
CP109	.2352	CP132	-.4520	CP309	-.3254		
CP110	.2066	CP133	-.3768	CP310	-.2762		
CP111	.3727	CP134	-.3468	CP311	-.1785		
CP112	.4483	CP135	.4398	CP312	-.0851		
CP113	.3673	CP136	.4489	CP313	-.0312		
CP114	.2093	CP137	.3800	CP314	-.0148		
CP115	-.1425	CP138	.1753	CP315	-.3758		
CP116	-.6343	CP139	-.1469	CP316	-.3117		
CP117	-2.3743	CP140	-.6252	CP317	-.2411		
CP118	-1.3538	CP141	-2.0699	CP318	-.1525		
CP119	-.9877	CP142	-1.0893	CP319	-.0844		
CP120	-.4761	CP143	-.7807	CP320	-.1034		
CP121	-.3964	CP144	-.3421	CP321	-.1331		
CP122	-.3637	CP145	-.3006	CP322	-.2640		
CP123	.4287	CP146	-.2715	CP323	-.2516		

TEST

16

RUN 37

TP 3259.

MACH .401

Q

10321.3

P1

91826.9

ALPHA 20.15

CP101	.2772	CP124	.5182	CP301	-.3268	CP324	-.3504
CP102	.2918	CP125	.4402	CP302	-.2869	CP325	-1.1957
CP103	.2879	CP126	.2888	CP303	-.2672	CP326	-.4043
CP104	.2970	CP127	-.0525	CP304	-.1709	CP327	-.1835
CP105	.3259	CP128	-.5375	CP305	-.0677	CP328	-.1448
CP106	.2996	CP129	-2.1890	CP306	-.0067		
CP107	.3165	CP130	-1.2637	CP307	.0189		
CP108	.2843	CP131	-.8725	CP308	-.3624		
CP109	.3025	CP132	-.4163	CP309	-.3014		
CP110	.2602	CP133	-.3512	CP310	-.2500		
CP111	.4256	CP134	-.3269	CP311	-.1393		
CP112	.5078	CP135	.5055	CP312	-.0469		
CP113	.4236	CP136	.5135	CP313	-.0000		
CP114	.2802	CP137	.4446	CP314	.0004		
CP115	-.0783	CP138	.2559	CP315	-.3430		
CP116	-.5690	CP139	-.0637	CP316	-.2734		
CP117	-2.2969	CP140	-.5334	CP317	-.1997		
CP118	-1.3235	CP141	-2.0063	CP318	-.1085		
CP119	-.9273	CP142	-1.0549	CP319	-.0934		
CP120	-.4354	CP143	-.7046	CP320	-.0916		
CP121	-.3682	CP144	-.3175	CP321	-.0591		
CP122	-.3373	CP145	-.2750	CP322	-.2388		
CP123	.4902	CP146	-.2528	CP323	-.2692		

TEST

16

RUN 38

TP 3262.

MACH .600

Q

20270.9

P1

80311.4

ALPHA -1.99

CP101	-.0206	CP124	.2737	CP301	-.2722	CP324	-.2320
CP102	-.0068	CP125	.2461	CP302	-.2446	CP325	-.2183
CP103	-.0172	CP126	.0793	CP303	-.2401	CP326	-.1764
CP104	-.0074	CP127	-.1781	CP304	-.2015	CP327	-.1399
CP105	.0248	CP128	-.4763	CP305	-.1345	CP328	-.1376
CP106	-.0023	CP129	-1.3857	CP306	-.1207		
CP107	.0141	CP130	-.8901	CP307	-.1335		
CP108	-.0056	CP131	-.7767	CP308	-.2789		
CP109	.0177	CP132	-.4456	CP309	-.2524		
CP110	.0101	CP133	-.3176	CP310	-.2451		
CP111	.2044	CP134	-.2693	CP311	-.2034		
CP112	.2609	CP135	.2497	CP312	-.1355		
CP113	.2348	CP136	.2778	CP313	-.1208		
CP114	.0575	CP137	.2435	CP314	-.1358		
CP115	-.1764	CP138	.0310	CP315	-.2829		
CP116	-.4667	CP139	-.1934	CP316	-.2558		
CP117	-1.3724	CP140	-.5101	CP317	-.2381		
CP118	-.9285	CP141	-1.4913	CP318	-.2012		
CP119	-.8091	CP142	-.8866	CP319	-.1426		
CP120	-.4817	CP143	-.7717	CP320	-.1198		
CP121	-.3404	CP144	-.4396	CP321	-.1344		
CP122	-.2930	CP145	-.3099	CP322	-.2544		
CP123	.2393	CP146	-.2645	CP323	-.2284		

TEST

16

RUN 38

TP 3263.

MACH .600

Q

20235.4

P1

80360.8

ALPHA -.05

CP101	-.0054	CP124	.2998	CP301	-.2742	CP324	-.2284
CP102	.0079	CP125	.2692	CP302	-.2454	CP325	-.2219
CP103	.0012	CP126	.1035	CP303	-.2411	CP326	-.2038
CP104	.0106	CP127	-.1593	CP304	-.2095	CP327	-.1671
CP105	.0427	CP128	-.4563	CP305	-.1444	CP328	-.1452
CP106	.0173	CP129	-1.3765	CP306	-.1195		
CP107	.0351	CP130	-.8881	CP307	-.1169		
CP108	.0154	CP131	-.7835	CP308	-.2751		
CP109	.0382	CP132	-.4529	CP309	-.2522		
CP110	.0328	CP133	-.3139	CP310	-.2441		
CP111	.2260	CP134	-.2729	CP311	-.2069		
CP112	.2869	CP135	.2732	CP312	-.1465		
CP113	.2612	CP136	.3011	CP313	-.1213		
CP114	.0811	CP137	.2691	CP314	-.1192		
CP115	-.1594	CP138	.0555	CP315	-.2804		
CP116	-.4490	CP139	-.1718	CP316	-.2496		
CP117	-1.3639	CP140	-.4896	CP317	-.2361		
CP118	-.9222	CP141	-1.4845	CP318	-.2021		
CP119	-.8064	CP142	-.8971	CP319	-.1572		
CP120	-.4807	CP143	-.7691	CP320	-.1233		
CP121	-.3393	CP144	-.4388	CP321	-.1202		
CP122	-.2854	CP145	-.3054	CP322	-.2451		
CP123	.2648	CP146	-.2589	CP323	-.2198		

TEST

16

RUN 38

TP 3264.

MACH .600

Q

20227.7

P1

80356.6

ALPHA 4.01

CP101	.0325	CP124	.3555	CP301	-.2903	CP324	-.2445
CP102	.0483	CP125	.3211	CP302	-.2676	CP325	-.2753
CP103	.0388	CP126	.1518	CP303	-.2524	CP326	-.2346
CP104	.0498	CP127	-.1121	CP304	-.2093	CP327	-.2052
CP105	.0877	CP128	-.4121	CP305	-.1468	CP328	-.1901
CP106	.0596	CP129	-1.3562	CP306	-.1223		
CP107	.0755	CP130	-.9062	CP307	-.1137		
CP108	.0569	CP131	-.7964	CP308	-.2913		
CP109	.0808	CP132	-.4660	CP309	-.2699		
CP110	.0734	CP133	-.3289	CP310	-.2545		
CP111	.2718	CP134	-.2918	CP311	-.2020		
CP112	.3437	CP135	.3248	CP312	-.1497		
CP113	.3158	CP136	.3543	CP313	-.1194		
CP114	.1306	CP137	.3218	CP314	-.1148		
CP115	-.1215	CP138	.1100	CP315	-.2975		
CP116	-.4093	CP139	-.1253	CP316	-.2707		
CP117	-1.3404	CP140	-.4442	CP317	-.2478		
CP118	-.9276	CP141	-1.4613	CP318	-.2016		
CP119	-.8134	CP142	-.8978	CP319	-.1523		
CP120	-.4914	CP143	-.7828	CP320	-.1254		
CP121	-.3492	CP144	-.4543	CP321	-.1137		
CP122	-.3008	CP145	-.3193	CP322	-.2494		
CP123	.3157	CP146	-.2785	CP323	-.2284		

TEST

16

RUN 38

TP 3265.

MACH .601

Q

20281.9

P1

80284.3

ALPHA 8.14

CP101	.0842	CP124	.4158	CP301	-.3106	CP324	-.2713
CP102	.1002	CP125	.3798	CP302	-.2668	CP325	-.4505
CP103	.0935	CP126	.2057	CP303	-.2528	CP326	-.2446
CP104	.1052	CP127	-.0627	CP304	-.1943	CP327	-.1912
CP105	.1417	CP128	-.3635	CP305	-.1479	CP328	-.1617
CP106	.1122	CP129	-1.3227	CP306	-.1198		
CP107	.1291	CP130	-.9254	CP307	-.1108		
CP108	.1068	CP131	-.8131	CP308	-.3142		
CP109	.1302	CP132	-.4908	CP309	-.2918		
CP110	.1200	CP133	-.3543	CP310	-.2564		
CP111	.3210	CP134	-.3126	CP311	-.1917		
CP112	.4018	CP135	.3804	CP312	-.1480		
CP113	.3707	CP136	.4133	CP313	-.1203		
CP114	.1941	CP137	.3767	CP314	-.1139		
CP115	-.0647	CP138	.1687	CP315	-.3096		
CP116	-.3517	CP139	-.0730	CP316	-.2877		
CP117	-1.3052	CP140	-.3885	CP317	-.2536		
CP118	-.9487	CP141	-1.4296	CP318	-.1983		
CP119	-.8295	CP142	-.9161	CP319	-.1668		
CP120	-.5034	CP143	-.7944	CP320	-.1639		
CP121	-.3628	CP144	-.4742	CP321	-.1556		
CP122	-.3142	CP145	-.3382	CP322	-.2486		
CP123	.3718	CP146	-.3031	CP323	-.2348		

TEST

16

RUN 38

TP 3266.

MACH .601

Q

20285.5

P1

80283.1

ALPHA 12.29

CP101	.1447	CP124	.4733	CP301	-.3171	CP324	-.2890
CP102	.1618	CP125	.4363	CP302	-.2912	CP325	-.4873
CP103	.1571	CP126	.2677	CP303	-.2477	CP326	-.3535
CP104	.1681	CP127	-.0001	CP304	-.1793	CP327	-.1492
CP105	.2026	CP128	-.2946	CP305	-.1412	CP328	-.1326
CP106	.1771	CP129	-1.2776	CP306	-.1151		
CP107	.1933	CP130	-.9335	CP307	-.1111		
CP108	.1681	CP131	-.8232	CP308	-.3243		
CP109	.1901	CP132	-.4940	CP309	-.2954		
CP110	.1734	CP133	-.3653	CP310	-.2498		
CP111	.3715	CP134	-.3224	CP311	-.1823		
CP112	.4598	CP135	.4433	CP312	-.1380		
CP113	.4196	CP136	.4705	CP313	-.1172		
CP114	.2596	CP137	.4382	CP314	-.1203		
CP115	.0019	CP138	.2341	CP315	-.3154		
CP116	-.2857	CP139	-.0098	CP316	-.2893		
CP117	-1.2555	CP140	-.3252	CP317	-.2476		
CP118	-.9602	CP141	-1.3874	CP318	-.1874		
CP119	-.8384	CP142	-.9260	CP319	-.1571		
CP120	-.5049	CP143	-.8028	CP320	-.1657		
CP121	-.3732	CP144	-.4846	CP321	-.1746		
CP122	-.3210	CP145	-.3560	CP322	-.2391		
CP123	.4288	CP146	-.3104	CP323	-.2362		

TEST

16

RUN 38

TP 3267.

MACH .600

Q

20245.1

P1

80349.4

ALPHA 16.40

CP101	.2196	CP124	.5344	CP301	-.3120	CP324	-.3065
CP102	.2355	CP125	.4895	CP302	-.2821	CP325	-.6230
CP103	.2289	CP126	.3293	CP303	-.2385	CP326	-.4094
CP104	.2417	CP127	.0694	CP304	-.1726	CP327	-.1272
CP105	.2743	CP128	-.2236	CP305	-.1328	CP328	-.1068
CP106	.2470	CP129	-1.2333	CP306	-.1098		
CP107	.2616	CP130	-.9433	CP307	-.1062		
CP108	.2353	CP131	-.8175	CP308	-.3199		
CP109	.2572	CP132	-.5031	CP309	-.2895		
CP110	.2290	CP133	-.3651	CP310	-.2370		
CP111	.4206	CP134	-.3220	CP311	-.1731		
CP112	.5164	CP135	.5029	CP312	-.1306		
CP113	.4673	CP136	.5311	CP313	-.1059		
CP114	.3243	CP137	.4908	CP314	-.1256		
CP115	.0658	CP138	.2981	CP315	-.3116		
CP116	-.2222	CP139	.0581	CP316	-.2859		
CP117	-1.2131	CP140	-.2581	CP317	-.2335		
CP118	-.9647	CP141	-1.3482	CP318	-.1825		
CP119	-.8314	CP142	-.9104	CP319	-.1601		
CP120	-.5030	CP143	-.7898	CP320	-.1648		
CP121	-.3745	CP144	-.4766	CP321	-.1510		
CP122	-.3258	CP145	-.3585	CP322	-.2267		
CP123	.4869	CP146	-.3013	CP323	-.2405		

TEST

16

RUN 38

TP 3268.

MACH .600

Q

20269.1

P1

80336.9

ALPHA 17.05

CP101	.2283	CP124	.5427	CP301	-.3115	CP324	-.3110
CP102	.2460	CP125	.4998	CP302	-.2774	CP325	-.6845
CP103	.2391	CP126	.3388	CP303	-.2384	CP326	-.3852
CP104	.2539	CP127	.0796	CP304	-.1716	CP327	-.1337
CP105	.2857	CP128	-.2162	CP305	-.1316	CP328	-.1071
CP106	.2587	CP129	-1.2248	CP306	-.1126		
CP107	.2746	CP130	-.9374	CP307	-.1015		
CP108	.2466	CP131	-.8198	CP308	-.3208		
CP109	.2682	CP132	-.4978	CP309	-.2892		
CP110	.2354	CP133	-.3613	CP310	-.2355		
CP111	.4259	CP134	-.3191	CP311	-.1735		
CP112	.5227	CP135	.5117	CP312	-.1292		
CP113	.4747	CP136	.5419	CP313	-.1058		
CP114	.3330	CP137	.4985	CP314	-.1200		
CP115	.0761	CP138	.3058	CP315	-.3082		
CP116	-.2095	CP139	.0677	CP316	-.2796		
CP117	-1.2044	CP140	-.2474	CP317	-.2272		
CP118	-.9594	CP141	-1.3354	CP318	-.1774		
CP119	-.8259	CP142	-.8993	CP319	-.1489		
CP120	-.4996	CP143	-.7949	CP320	-.1674		
CP121	-.3704	CP144	-.4721	CP321	-.1452		
CP122	-.3221	CP145	-.3494	CP322	-.2201		
CP123	.4972	CP146	-.3075	CP323	-.2411		

TEST

16

RUN 39

TP 3284.

MACH .400

Q

10303.5

P1

92131.0

ALPHA -1.69

CP101	-.0285	CP124	.2093	CP301	-.3116	CP324	-.2445
CP102	-.0177	CP125	.1530	CP302	-.2678	CP325	-.2550
CP103	-.0287	CP126	-.0184	CP303	-.2631	CP326	-.2603
CP104	-.0192	CP127	-.3359	CP304	-.2390	CP327	-.2105
CP105	.0093	CP128	-.6848	CP305	-.1902	CP328	-.1461
CP106	-.0113	CP129	-1.6471	CP306	-.1288		
CP107	.0001	CP130	-1.5363	CP307	-.0983		
CP108	-.0152	CP131	-1.1209	CP308	-.3274		
CP109	.0045	CP132	-.5646	CP309	-.2822		
CP110	-.0057	CP133	-.3731	CP310	-.2660		
CP111	.1596	CP134	-.3055	CP311	-.2349		
CP112	.1966	CP135	.1966	CP312	-.1841		
CP113	.1476	CP136	.2090	CP313	-.1313		
CP114	-.0289	CP137	.1548	CP314	-.0989		
CP115	-.3272	CP138	-.0658	CP315	-.3339		
CP116	-.6717	CP139	-.3277	CP316	-.2747		
CP117	-1.6715	CP140	-.6689	CP317	-.2554		
CP118	-1.6595	CP141	-1.6588	CP318	-.2253		
CP119	-1.1772	CP142	-1.5459	CP319	-.1751		
CP120	-.6044	CP143	-1.0938	CP320	-.1175		
CP121	-.3995	CP144	-.5605	CP321	-.0982		
CP122	-.3246	CP145	-.3519	CP322	-.2788		
CP123	.1891	CP146	-.2915	CP323	-.2375		

TEST

16

RUN 39

TP 3265.

MACH .400

0

10337.6

P1

92097.6

ALPHA .02

CP101	-.0116	CP124	.2328	CP301	-.3119	CP324	-.2435
CP102	.0009	CP125	.1736	CP302	-.2687	CP325	-.2660
CP103	-.0072	CP126	.0045	CP303	-.2632	CP326	-.2862
CP104	.0001	CP127	-.3155	CP304	-.2365	CP327	-.2343
CP105	.0293	CP128	-.6646	CP305	-.1922	CP328	-.1753
CP106	.0069	CP129	-1.6292	CP306	-.1197		
CP107	.0207	CP130	-1.5361	CP307	-.0942		
CP108	.0054	CP131	-1.1075	CP308	-.3219		
CP109	.0266	CP132	-.5764	CP309	-.2716		
CP110	.0206	CP133	-.3737	CP310	-.2633		
CP111	.1641	CP134	-.3086	CP311	-.2346		
CP112	.2250	CP135	.2199	CP312	-.1822		
CP113	.1727	CP136	.2303	CP313	-.1238		
CP114	-.0066	CP137	.1733	CP314	-.0953		
CP115	-.3075	CP138	-.0425	CP315	-.3278		
CP116	-.6539	CP139	-.3082	CP316	-.2752		
CP117	-1.6571	CP140	-.6549	CP317	-.2561		
CP118	-1.6641	CP141	-1.6571	CP318	-.2276		
CP119	-1.1757	CP142	-1.5525	CP319	-.1749		
CP120	-.6045	CP143	-1.0994	CP320	-.1258		
CP121	-.3978	CP144	-.5412	CP321	-.0971		
CP122	-.3203	CP145	-.3574	CP322	-.2753		
CP123	.2134	CP146	-.2747	CP323	-.2355		

TEST

16

RUN 39

TP 3286.

MACH .401

Q

10340.6

P1

92085.4

ALPHA 3.98

CP101	.0243	CP124	.2844	CP301	-.3161	CP324	-.2512
CP102	.0384	CP125	.2243	CP302	-.2757	CP325	-.3256
CP103	.0298	CP126	.0517	CP303	-.2739	CP326	-.3195
CP104	.0394	CP127	-.2740	CP304	-.2436	CP327	-.3049
CP105	.0703	CP128	-.6299	CP305	-.1925	CP328	-.2453
CP106	.0465	CP129	-1.6194	CP306	-.1192		
CP107	.0620	CP130	-1.5424	CP307	-.0828		
CP108	.0460	CP131	-1.1050	CP308	-.3268		
CP109	.0655	CP132	-.5787	CP309	-.2834		
CP110	.0594	CP133	-.3789	CP310	-.2800		
CP111	.2251	CP134	-.3042	CP311	-.2410		
CP112	.2792	CP135	.2697	CP312	-.1828		
CP113	.2240	CP136	.2820	CP313	-.1182		
CP114	.0393	CP137	.2289	CP314	-.0856		
CP115	-.2686	CP138	.0101	CP315	-.3395		
CP116	-.6201	CP139	-.2644	CP316	-.2788		
CP117	-1.6398	CP140	-.6239	CP317	-.2552		
CP118	-1.6681	CP141	-1.6486	CP318	-.2180		
CP119	-1.1552	CP142	-1.5448	CP319	-.1710		
CP120	-.5986	CP143	-1.0962	CP320	-.1161		
CP121	-.4014	CP144	-.5389	CP321	-.0741		
CP122	-.3250	CP145	-.3585	CP322	-.2752		
CP123	.2594	CP146	-.2922	CP323	-.2384		

TEST

16

RUN 39

TP 3287.

MACH .401

Q

10355.7

P1

92059.7

ALPHA 8.04

CP101	.0814	CP124	.3411	CP301	-.3033	CP324	-.2696
CP102	.0975	CP125	.2811	CP302	-.2705	CP325	-.5108
CP103	.0866	CP126	.1081	CP303	-.2759	CP326	-.3065
CP104	.0941	CP127	-.2233	CP304	-.2409	CP327	-.2383
CP105	.1250	CP128	-.5891	CP305	-.1793	CP328	-.1639
CP106	.1029	CP129	-1.6118	CP306	-.1021		
CP107	.1145	CP130	-1.5476	CP307	-.0696		
CP108	.0957	CP131	-1.1146	CP308	-.3345		
CP109	.1150	CP132	-.5754	CP309	-.2879		
CP110	.1024	CP133	-.3757	CP310	-.2881		
CP111	.2740	CP134	-.3144	CP311	-.2520		
CP112	.3348	CP135	.3214	CP312	-.1853		
CP113	.2751	CP136	.3376	CP313	-.1120		
CP114	.0954	CP137	.2835	CP314	-.0739		
CP115	-.2188	CP138	.0699	CP315	-.3480		
CP116	-.5807	CP139	-.2159	CP316	-.2922		
CP117	-1.6302	CP140	-.5794	CP317	-.2631		
CP118	-1.6748	CP141	-1.6247	CP318	-.2220		
CP119	-1.1607	CP142	-1.5416	CP319	-.1702		
CP120	-.6047	CP143	-1.0824	CP320	-.1142		
CP121	-.4079	CP144	-.5398	CP321	-.0961		
CP122	-.3356	CP145	-.3471	CP322	-.2729		
CP123	.3166	CP146	-.2837	CP323	-.2333		

TEST

16

RUN 39

TP 3288.

MACH .400

Q

10314.7

P1

92122.0

ALPHA 12.09

CP101	.1339	CP124	.4004	CP301	-.3138	CP324	-.2825
CP102	.1477	CP125	.3373	CP302	-.2790	CP325	-.5072
CP103	.1434	CP126	.1657	CP303	-.2821	CP326	-.4345
CP104	.1499	CP127	-.1644	CP304	-.2435	CP327	-.2019
CP105	.1829	CP128	-.5392	CP305	-.1687	CP328	-.1251
CP106	.1571	CP129	-1.5367	CP306	-.0957		
CP107	.1711	CP130	-1.5517	CP307	-.0602		
CP108	.1486	CP131	-1.0864	CP308	-.3341		
CP109	.1726	CP132	-.5512	CP309	-.2872		
CP110	.1565	CP133	-.3786	CP310	-.2832		
CP111	.3231	CP134	-.3098	CP311	-.2330		
CP112	.3493	CP135	.3846	CP312	-.1584		
CP113	.3340	CP136	.3987	CP313	-.0850		
CP114	.1633	CP137	.3428	CP314	-.0586		
CP115	-.1577	CP138	.1367	CP315	-.3462		
CP116	-.5326	CP139	-.1566	CP316	-.2835		
CP117	-1.6166	CP140	-.5283	CP317	-.2535		
CP118	-1.6879	CP141	-1.6015	CP318	-.2064		
CP119	-1.1659	CP142	-1.5296	CP319	-.1505		
CP120	-.5930	CP143	-1.0470	CP320	-.1138		
CP121	-.4133	CP144	-.5158	CP321	-.1692		
CP122	-.3409	CP145	-.3379	CP322	-.2602		
CP123	.3742	CP146	-.2736	CP323	-.2261		

TEST

16

RUN 39

TP 3289.

MACH .400

Q

10337.7

P1

92101.6

ALPHA 16.13

CP101	.2020	CP124	.4655	CP301	-.2952	CP324	-.2820
CP102	.2189	CP125	.3991	CP302	-.2640	CP325	-.6491
CP103	.2108	CP126	.2347	CP303	-.2689	CP326	-.5392
CP104	.2215	CP127	-.0987	CP304	-.2217	CP327	-.1811
CP105	.2503	CP128	-.4789	CP305	-.1377	CP328	-.1192
CP106	.2273	CP129	-1.5514	CP306	-.0657		
CP107	.2410	CP130	-1.5283	CP307	-.0336		
CP108	.2161	CP131	-1.0660	CP308	-.3234		
CP109	.2377	CP132	-.5354	CP309	-.2777		
CP110	.2120	CP133	-.3654	CP310	-.2687		
CP111	.3768	CP134	-.3064	CP311	-.2080		
CP112	.4584	CP135	.4454	CP312	-.1229		
CP113	.3855	CP136	.4615	CP313	-.0608		
CP114	.2353	CP137	.4032	CP314	-.0414		
CP115	-.0952	CP138	.2041	CP315	-.3313		
CP116	-.4772	CP139	-.0865	CP316	-.2676		
CP117	-1.5858	CP140	-.4708	CP317	-.2272		
CP118	-1.6724	CP141	-1.5564	CP318	-.1743		
CP119	-1.1502	CP142	-1.5028	CP319	-.1161		
CP120	-.5811	CP143	-1.0134	CP320	-.1135		
CP121	-.3970	CP144	-.4701	CP321	-.1523		
CP122	-.3326	CP145	-.3128	CP322	-.2396		
CP123	.4331	CP146	-.2552	CP323	-.2206		

TEST

16

RUN 39

TP 3290.

MACH .400

Q

10320.5

P1

92117.0

ALPHA 16.13

CP101	.2005	CP124	.4658	CP301	-.2997	CP324	-.2889
CP102	.2176	CP125	.3972	CP302	-.2641	CP325	-.6622
CP103	.2111	CP126	.2335	CP303	-.2709	CP326	-.5309
CP104	.2184	CP127	-.0992	CP304	-.2240	CP327	-.1850
CP105	.2488	CP128	-.4805	CP305	-.1400	CP328	-.1172
CP106	.2292	CP129	-1.5564	CP306	-.0652		
CP107	.2423	CP130	-1.5311	CP307	-.0329		
CP108	.2146	CP131	-1.0511	CP308	-.3271		
CP109	.2366	CP132	-.5267	CP309	-.2811		
CP110	.2101	CP133	-.3581	CP310	-.2716		
CP111	.3727	CP134	-.2942	CP311	-.2118		
CP112	.4551	CP135	.4510	CP312	-.1297		
CP113	.3825	CP136	.4613	CP313	-.0617		
CP114	.2348	CP137	.4057	CP314	-.0437		
CP115	-.1011	CP138	.2050	CP315	-.3394		
CP116	-.4796	CP139	-.0846	CP316	-.2687		
CP117	-1.5857	CP140	-.4642	CP317	-.2288		
CP118	-1.6729	CP141	-1.5482	CP318	-.1749		
CP119	-1.1542	CP142	-1.5027	CP319	-.1150		
CP120	-.5864	CP143	-1.0113	CP320	-.1164		
CP121	-.4100	CP144	-.4771	CP321	-.1634		
CP122	-.3344	CP145	-.3127	CP322	-.2413		
CP123	.4331	CP146	-.2492	CP323	-.2225		

TEST

16

RUN 39

TP 3291.

MACH .400

Q

10312.8

P1

92129.2

ALPHA 20.16

CP101	.2811	CP124	.5276	CP301	-.2747	CP324	-.3502
CP102	.2919	CP125	.4587	CP302	-.2474	CP325	-1.1758
CP103	.2886	CP126	.3034	CP303	-.2440	CP326	-.3956
CP104	.2999	CP127	-.0223	CP304	-.1829	CP327	-.1822
CP105	.3262	CP128	-.4147	CP305	-.0971	CP328	-.1320
CP106	.3010	CP129	-1.5050	CP306	-.0359		
CP107	.3138	CP130	-1.5135	CP307	-.0054		
CP108	.2886	CP131	-1.0283	CP308	-.3105		
CP109	.3067	CP132	-.5062	CP309	-.2627		
CP110	.2712	CP133	-.3444	CP310	-.2426		
CP111	.4281	CP134	-.2948	CP311	-.1712		
CP112	.5142	CP135	.5113	CP312	-.0813		
CP113	.4387	CP136	.5232	CP313	-.0326		
CP114	.3062	CP137	.4633	CP314	-.0213		
CP115	-.0431	CP138	.2773	CP315	-.3128		
CP116	-.4360	CP139	-.0163	CP316	-.2398		
CP117	-1.5558	CP140	-.4045	CP317	-.1921		
CP118	-1.6477	CP141	-1.4964	CP318	-.1335		
CP119	-1.1288	CP142	-1.4764	CP319	-.1019		
CP120	-.5530	CP143	-.9675	CP320	-.1170		
CP121	-.3866	CP144	-.4438	CP321	-.0855		
CP122	-.3143	CP145	-.2798	CP322	-.2152		
CP123	.4985	CP146	-.2368	CP323	-.2460		

TEST

16

RUN 40

TP 3293.

MACH .600

Q

20278.6

P1

80600.1

ALPHA -1.97

CP101	-.0252	CP124	.2840	CP301	-.2813	CP324	-.2245
CP102	-.0130	CP125	.2531	CP302	-.2515	CP325	-.2064
CP103	-.0214	CP126	.0964	CP303	-.2386	CP326	-.1567
CP104	-.0104	CP127	-.1317	CP304	-.1706	CP327	-.1451
CP105	.0239	CP128	-.3133	CP305	-.1283	CP328	-.1459
CP106	-.0024	CP129	-.8711	CP306	-.1542		
CP107	.0150	CP130	-1.0786	CP307	-.1597		
CP108	-.0055	CP131	-.8940	CP308	-.2772		
CP109	.0188	CP132	-.5458	CP309	-.2501		
CP110	.0124	CP133	-.3489	CP310	-.2399		
CP111	.2082	CP134	-.2865	CP311	-.1814		
CP112	.2634	CP135	.2523	CP312	-.1307		
CP113	.2426	CP136	.2829	CP313	-.1372		
CP114	.0714	CP137	.2561	CP314	-.1607		
CP115	-.1240	CP138	.0508	CP315	-.2752		
CP116	-.2938	CP139	-.1299	CP316	-.2507		
CP117	-.8237	CP140	-.3136	CP317	-.2360		
CP118	-1.1195	CP141	-.8954	CP318	-.1886		
CP119	-.9292	CP142	-1.0687	CP319	-.1341		
CP120	-.5475	CP143	-.8842	CP320	-.1418		
CP121	-.3512	CP144	-.5320	CP321	-.1568		
CP122	-.2896	CP145	-.3410	CP322	-.2455		
CP123	.2447	CP146	-.2834	CP323	-.2236		

TEST

16

RUN 40

TP 3294.

MACH .600

Q

20325.2

P1

80543.2

ALPHA -.02

CP101	-.0046	CP124	.3072	CP301	-.2667	CP324	-.2217
CP102	.0090	CP125	.2794	CP302	-.2367	CP325	-.2081
CP103	.0014	CP126	.1178	CP303	-.2285	CP326	-.1630
CP104	.0102	CP127	-.1109	CP304	-.1710	CP327	-.1430
CP105	.0440	CP128	-.2945	CP305	-.1275	CP328	-.1521
CP106	.0179	CP129	-.8567	CP306	-.1335		
CP107	.0353	CP130	-1.0686	CP307	-.1408		
CP108	.0169	CP131	-.8877	CP308	-.2687		
CP109	.0411	CP132	-.5349	CP309	-.2402		
CP110	.0333	CP133	-.3368	CP310	-.2338		
CP111	.2311	CP134	-.2799	CP311	-.1839		
CP112	.2894	CP135	.2790	CP312	-.1295		
CP113	.2668	CP136	.3083	CP313	-.1304		
CP114	.0954	CP137	.2815	CP314	-.1511		
CP115	-.1066	CP138	.0775	CP315	-.2724		
CP116	-.2753	CP139	-.1049	CP316	-.2430		
CP117	-.8087	CP140	-.2937	CP317	-.2307		
CP118	-1.1095	CP141	-.8812	CP318	-.1913		
CP119	-.9271	CP142	-1.0624	CP319	-.1305		
CP120	-.5433	CP143	-.8753	CP320	-.1302		
CP121	-.3473	CP144	-.5247	CP321	-.1533		
CP122	-.2863	CP145	-.3317	CP322	-.2409		
CP123	.2673	CP146	-.2738	CP323	-.2167		

TEST

16

RUN 40

TP 3295.

MACH .600

Q

20321.7

P1

80542.8

ALPHA 4.02

CP101	.0331	CP124	.3616	CP301	-.2729	CP324	-.2372
CP102	.0487	CP125	.3317	CP302	-.2443	CP325	-.2443
CP103	.0440	CP126	.1669	CP303	-.2378	CP326	-.1692
CP104	.0524	CP127	-.0660	CP304	-.1752	CP327	-.1504
CP105	.0870	CP128	-.2527	CP305	-.1279	CP328	-.1551
CP106	.0611	CP129	-.8335	CP306	-.1319		
CP107	.0784	CP130	-1.0792	CP307	-.1389		
CP108	.0593	CP131	-.9001	CP308	-.2711		
CP109	.0835	CP132	-.5393	CP309	-.2476		
CP110	.0761	CP133	-.3419	CP310	-.2438		
CP111	.2738	CP134	-.2801	CP311	-.1904		
CP112	.3478	CP135	.3310	CP312	-.1301		
CP113	.3204	CP136	.3632	CP313	-.1286		
CP114	.1441	CP137	.3356	CP314	-.1469		
CP115	-.0649	CP138	.1310	CP315	-.2792		
CP116	-.2359	CP139	-.0571	CP316	-.2502		
CP117	-.7907	CP140	-.2505	CP317	-.2390		
CP118	-1.1208	CP141	-.8621	CP318	-.1929		
CP119	-.9226	CP142	-1.0631	CP319	-.1326		
CP120	-.5424	CP143	-.8848	CP320	-.1340		
CP121	-.3462	CP144	-.5265	CP321	-.1530		
CP122	-.2896	CP145	-.3349	CP322	-.2362		
CP123	.3171	CP146	-.2765	CP323	-.2147		

TEST

16

RUN 40

TP 3296.

MACH .600

Q

20288.5

P1

80576.4

ALPHA 8.17

CP101	.0855	CP124	.4205	CP301	-.2878	CP324	-.2651
CP102	.1008	CP125	.3857	CP302	-.2631	CP325	-.4011
CP103	.0921	CP126	.2212	CP303	-.2599	CP326	-.1966
CP104	.1043	CP127	-.0154	CP304	-.1859	CP327	-.1560
CP105	.1373	CP128	-.2114	CP305	-.1388	CP328	-.1549
CP106	.1109	CP129	-.8135	CP306	-.1437		
CP107	.1283	CP130	-1.0947	CP307	-.1488		
CP108	.1097	CP131	-.9206	CP308	-.2905		
CP109	.1303	CP132	-.5579	CP309	-.2699		
CP110	.1228	CP133	-.3479	CP310	-.2651		
CP111	.3213	CP134	-.2908	CP311	-.1917		
CP112	.4046	CP135	.3870	CP312	-.1350		
CP113	.3743	CP136	.4217	CP313	-.1424		
CP114	.2044	CP137	.3908	CP314	-.1632		
CP115	-.0138	CP138	.1905	CP315	-.2970		
CP116	-.1943	CP139	-.0024	CP316	-.2692		
CP117	-.7771	CP140	-.2042	CP317	-.2550		
CP118	-1.1270	CP141	-.8454	CP318	-.1998		
CP119	-.9469	CP142	-1.0816	CP319	-.1469		
CP120	-.5640	CP143	-.9005	CP320	-.1574		
CP121	-.3647	CP144	-.5403	CP321	-.1698		
CP122	-.3040	CP145	-.3441	CP322	-.2379		
CP123	.3745	CP146	-.2893	CP323	-.2216		

TEST

16

RUN 40

TP 3297.

MACH .600

Q

20295.4

P1

80583.8

ALPHA 12.32

CP101	.1467	CP124	.4806	CP301	-.2985	CP324	-.2988
CP102	.1638	CP125	.4429	CP302	-.2762	CP325	-.5111
CP103	.1568	CP126	.2805	CP303	-.2752	CP326	-.3165
CP104	.1660	CP127	.0439	CP304	-.1878	CP327	-.1405
CP105	.2004	CP128	-.1586	CP305	-.1372	CP328	-.1556
CP106	.1753	CP129	-.7890	CP306	-.1556		
CP107	.1914	CP130	-1.1003	CP307	-.1425		
CP108	.1688	CP131	-.9331	CP308	-.3061		
CP109	.1927	CP132	-.5646	CP309	-.2845		
CP110	.1793	CP133	-.3621	CP310	-.2756		
CP111	.3728	CP134	-.3017	CP311	-.1901		
CP112	.4624	CP135	.4465	CP312	-.1357		
CP113	.4267	CP136	.4784	CP313	-.1489		
CP114	.2685	CP137	.4470	CP314	-.1697		
CP115	.0447	CP138	.2521	CP315	-.3147		
CP116	-.1437	CP139	.0540	CP316	-.2842		
CP117	-.7531	CP140	-.1537	CP317	-.2595		
CP118	-1.1246	CP141	-.8224	CP318	-.2001		
CP119	-.9540	CP142	-1.0797	CP319	-.1378		
CP120	-.5803	CP143	-.9101	CP320	-.1693		
CP121	-.3790	CP144	-.5454	CP321	-.1921		
CP122	-.3167	CP145	-.3514	CP322	-.2349		
CP123	.4319	CP146	-.2924	CP323	-.2268		

TEST

16

RUN 40

TP 3298.

MACH .600

Q

20334.5

P1

80559.4

ALPHA 16.45

CP101	.2170	CP124	.5374	CP301	-.2850	CP324	-.3211
CP102	.2333	CP125	.4998	CP302	-.2644	CP325	-.6772
CP103	.2308	CP126	.3435	CP303	-.2701	CP326	-.3742
CP104	.2374	CP127	.1093	CP304	-.2106	CP327	-.1004
CP105	.2743	CP128	-.0989	CP305	-.1271	CP328	-.1060
CP106	.2506	CP129	-.7558	CP306	-.1379		
CP107	.2640	CP130	-1.0782	CP307	-.1043		
CP108	.2372	CP131	-.9059	CP308	-.2991		
CP109	.2635	CP132	-.5527	CP309	-.2789		
CP110	.2378	CP133	-.3545	CP310	-.2706		
CP111	.4268	CP134	-.2944	CP311	-.2029		
CP112	.5183	CP135	.5079	CP312	-.1275		
CP113	.4726	CP136	.5365	CP313	-.1156		
CP114	.3380	CP137	.5018	CP314	-.1472		
CP115	.1071	CP138	.3175	CP315	-.3069		
CP116	-.0920	CP139	.1203	CP316	-.2760		
CP117	-.7220	CP140	-.0966	CP317	-.2497		
CP118	-1.1099	CP141	-.7695	CP318	-.2017		
CP119	-.9406	CP142	-1.0494	CP319	-.1447		
CP120	-.5741	CP143	-.8804	CP320	-.1518		
CP121	-.3775	CP144	-.5281	CP321	-.1502		
CP122	-.3187	CP145	-.3334	CP322	-.2238		
CP123	.4886	CP146	-.2771	CP323	-.2290		

TEST

16

RUN 40

TP 3299.

MACH .599

Q

20284.5

P1

80630.8

ALPHA 17.25

CP101	.2337	CP124	.5475	CP301	-.2824	CP324	-.3353
CP102	.2512	CP125	.5098	CP302	-.2610	CP325	-.7565
CP103	.2457	CP126	.3570	CP303	-.2637	CP326	-.3437
CP104	.2594	CP127	.1192	CP304	-.2107	CP327	-.1031
CP105	.2896	CP128	-.0898	CP305	-.1250	CP328	-.1013
CP106	.2630	CP129	-.7506	CP306	-.1353		
CP107	.2805	CP130	-1.0752	CP307	-.0964		
CP108	.2527	CP131	-.9025	CP308	-.2934		
CP109	.2736	CP132	-.5462	CP309	-.2725		
CP110	.2533	CP133	-.3458	CP310	-.2638		
CP111	.4342	CP134	-.2928	CP311	-.2003		
CP112	.5285	CP135	.5178	CP312	-.1206		
CP113	.4834	CP136	.5502	CP313	-.1125		
CP114	.3436	CP137	.5139	CP314	-.1437		
CP115	.1152	CP138	.3295	CP315	-.3028		
CP116	-.0818	CP139	.1280	CP316	-.2709		
CP117	-.7210	CP140	-.0859	CP317	-.2468		
CP118	-1.1011	CP141	-.7633	CP318	-.1990		
CP119	-.9338	CP142	-1.0455	CP319	-.1448		
CP120	-.5714	CP143	-.8699	CP320	-.1508		
CP121	-.3749	CP144	-.5233	CP321	-.1369		
CP122	-.3166	CP145	-.3264	CP322	-.2204		
CP123	.5028	CP146	-.2709	CP323	-.2339		

TEST

16

RUN 41

TP 3309.

MACH .400

Q

10276.5

P1

91975.7

ALPHA -1.91

CP101	-.0496	CP124	.1121	CP301	-.7160	CP324	-.3541
CP102	-.0325	CP125	-.0394	CP302	-.4970	CP325	-.3466
CP103	-.0383	CP126	-.2090	CP303	-.3358	CP326	-.3784
CP104	-.0391	CP127	-.6703	CP304	-.1910	CP327	-.3230
CP105	-.0137	CP128	-1.0792	CP305	-.1087	CP328	-.2109
CP106	-.0289	CP129	-1.8809	CP306	-.0623		
CP107	-.0206	CP130	-2.1432	CP307	-.0390		
CP108	-.0311	CP131	-1.5862	CP308	-.7167		
CP109	-.0163	CP132	-1.1737	CP309	-.4917		
CP110	-.0252	CP133	-.9425	CP310	-.3244		
CP111	.1086	CP134	-.7519	CP311	-.1823		
CP112	.1106	CP135	.1327	CP312	-.1029		
CP113	-.0344	CP136	.1092	CP313	-.0587		
CP114	-.2081	CP137	-.0387	CP314	-.0389		
CP115	-.6646	CP138	-.2663	CP315	-.6613		
CP116	-1.0694	CP139	-.6611	CP316	-.4786		
CP117	-1.8367	CP140	-1.0398	CP317	-.3114		
CP118	-2.0209	CP141	-1.8320	CP318	-.1848		
CP119	-1.5896	CP142	-1.9013	CP319	-.1095		
CP120	-1.1915	CP143	-1.4136	CP320	-.0670		
CP121	-.9924	CP144	-1.1675	CP321	-.0444		
CP122	-.7388	CP145	-.9509	CP322	-.5222		
CP123	.1304	CP146	-.7458	CP323	-.4218		

TEST

16

RUN 41

TF 3310.

MACH .400

Q

10305.4

P1

91917.9

ALPHA .01

CP101	-.0304	CP124	.1392	CP301	-.7000	CP324	-.3430
CP102	-.0103	CP125	-.0143	CP302	-.4955	CP325	-.3382
CP103	-.0160	CP126	-.1873	CP303	-.3427	CP326	-.3761
CP104	-.0193	CP127	-.6541	CP304	-.1928	CP327	-.3396
CP105	.0074	CP128	-1.0710	CP305	-.1041	CP328	-.2389
CP106	-.0084	CP129	-1.8754	CP306	-.0532		
CP107	.0025	CP130	-2.1563	CP307	-.0289		
CP108	-.0119	CP131	-1.6066	CP308	-.7142		
CP109	.0058	CP132	-1.1824	CP309	-.4921		
CP110	-.0045	CP133	-.9513	CP310	-.3262		
CP111	.1318	CP134	-.7624	CP311	-.1827		
CP112	.1382	CP135	.1573	CP312	-.0997		
CP113	-.0082	CP136	.1349	CP313	-.0538		
CP114	-.1878	CP137	-.0107	CP314	-.0341		
CP115	-.6514	CP138	-.2384	CP315	-.6695		
CP116	-1.0628	CP139	-.6302	CP316	-.4774		
CP117	-1.8448	CP140	-1.0085	CP317	-.3085		
CP118	-2.0381	CP141	-1.7726	CP318	-.1830		
CP119	-1.5870	CP142	-1.8435	CP319	-.1065		
CP120	-1.1857	CP143	-1.3558	CP320	-.0586		
CP121	-.9962	CP144	-1.1485	CP321	-.0382		
CP122	-.7565	CP145	-.9184	CP322	-.5252		
CP123	.1527	CP146	-.7156	CP323	-.4132		

TEST

16

RUN 41

TP 3311.

MACH .400

Q

10295.0

P1

91914.4

ALPHA 3.97

CP101	.0047	CP124	.1942	CP301	-.6876	CP324	-.3541
CP102	.0276	CP125	.0374	CP302	-.4908	CP325	-.2899
CP103	.0205	CP126	-.1358	CP303	-.3415	CP326	-.3047
CP104	.0222	CP127	-.6105	CP304	-.1893	CP327	-.2919
CP105	.0503	CP128	-1.0383	CP305	-.0976	CP328	-.2569
CP106	.0328	CP129	-1.8757	CP306	-.0478		
CP107	.0437	CP130	-2.1581	CP307	-.0236		
CP108	.0302	CP131	-1.6176	CP308	-.6919		
CP109	.0487	CP132	-1.1900	CP309	-.4891		
CP110	.0408	CP133	-.9578	CP310	-.3211		
CP111	.1811	CP134	-.7624	CP311	-.1782		
CP112	.1989	CP135	.2102	CP312	-.0939		
CP113	.0441	CP136	.1898	CP313	-.0514		
CP114	-.1350	CP137	.0444	CP314	-.0284		
CP115	-.5893	CP138	-.1806	CP315	-.6440		
CP116	-.9782	CP139	-.5758	CP316	-.4613		
CP117	-1.7034	CP140	-.9501	CP317	-.2984		
CP118	-1.7541	CP141	-1.7103	CP318	-.1755		
CP119	-1.4827	CP142	-1.7860	CP319	-.0962		
CP120	-1.2215	CP143	-1.3291	CP320	-.0481		
CP121	-.9935	CP144	-1.0899	CP321	-.0285		
CP122	-.7859	CP145	-.8899	CP322	-.4848		
CP123	.2039	CP146	-.6941	CP323	-.3756		

TEST

16

RUN 41

TP 3312.

MACH .400

Q

10290.5

P1

91916.9

ALPHA 8.03

CP101	.0545	CP124	.2518	CP301	-.6684	CP324	-.2950
CP102	.0800	CP125	.1005	CP302	-.4733	CP325	-.3825
CP103	.0737	CP126	-.0721	CP303	-.3310	CP326	-.2923
CP104	.0752	CP127	-.5561	CP304	-.1792	CP327	-.2969
CP105	.1019	CP128	-.9898	CP305	-.0856	CP328	-.2695
CP106	.0637	CP129	-1.8426	CP306	-.0356		
CP107	.0950	CP130	-2.1231	CP307	-.0120		
CP108	.0796	CP131	-1.6071	CP308	-.6809		
CP109	.0975	CP132	-1.1611	CP309	-.4726		
CP110	.0882	CP133	-.9226	CP310	-.3084		
CP111	.2333	CP134	-.7474	CP311	-.1667		
CP112	.2605	CP135	.2677	CP312	-.0809		
CP113	.1074	CP136	.2571	CP313	-.0390		
CP114	-.0751	CP137	.1071	CP314	-.0197		
CP115	-.5274	CP138	-.1133	CP315	-.6316		
CP116	-.9013	CP139	-.5079	CP316	-.4400		
CP117	-1.6054	CP140	-.8897	CP317	-.2804		
CP118	-1.6750	CP141	-1.6465	CP318	-.1587		
CP119	-1.4559	CP142	-1.7228	CP319	-.0820		
CP120	-1.2213	CP143	-1.2904	CP320	-.0392		
CP121	-.9703	CP144	-1.0858	CP321	-.0165		
CP122	-.7539	CP145	-.8726	CP322	-.4570		
CP123	.2641	CP146	-.6909	CP323	-.3506		

TEST

16

RUN 41

TP 3313.

MACH .400

Q

10313.2

P1

91917.4

ALPHA 12.10

CP101	.1136	CP124	.3298	CP301	-.6348	CP324	-.2854
CP102	.1418	CP125	.1781	CP302	-.4458	CP325	-.6787
CP103	.1358	CP126	.0052	CP303	-.3094	CP326	-.2694
CP104	.1389	CP127	-.4378	CP304	-.1582	CP327	-.2323
CP105	.1639	CP128	-.8182	CP305	-.0657	CP328	-.2074
CP106	.1504	CP129	-1.5234	CP306	-.0187		
CP107	.1584	CP130	-1.6520	CP307	-.0022		
CP108	.1372	CP131	-1.3351	CP308	-.6355		
CP109	.1559	CP132	-1.0963	CP309	-.4446		
CP110	.1396	CP133	-.8842	CP310	-.2929		
CP111	.2879	CP134	-.6734	CP311	-.1453		
CP112	.3250	CP135	.3345	CP312	-.0580		
CP113	.1762	CP136	.3193	CP313	-.0120		
CP114	.0011	CP137	.1741	CP314	-.0019		
CP115	-.4522	CP138	-.0331	CP315	-.5950		
CP116	-.8324	CP139	-.4302	CP316	-.3937		
CP117	-1.5372	CP140	-.8035	CP317	-.2434		
CP118	-1.6227	CP141	-1.5573	CP318	-.1226		
CP119	-1.4532	CP142	-1.6307	CP319	-.0511		
CP120	-1.1680	CP143	-1.2982	CP320	-.0439		
CP121	-.9327	CP144	-1.0846	CP321	-.0602		
CP122	-.7185	CP145	-.8529	CP322	-.4178		
CP123	.3273	CP146	-.6543	CP323	-.3199		

TEST

16

RUN 41

TP 3314.

MACH .400

Q

10295.2

P1

91942.8

ALPHA 16.18

CP101	.1870	CP124	.3971	CP301	-.5833	CP324	-.2761
CP102	.2100	CP125	.2562	CP302	-.4120	CP325	-.6118
CP103	.2101	CP126	.0948	CP303	-.2779	CP326	-.4320
CP104	.2066	CP127	-.3365	CP304	-.1307	CP327	-.1785
CP105	.2369	CP128	-.7095	CP305	-.0367	CP328	-.1714
CP106	.2190	CP129	-1.3977	CP306	.0094		
CP107	.2303	CP130	-1.5484	CP307	.0195		
CP108	.2057	CP131	-1.2506	CP308	-.5893		
CP109	.2251	CP132	-1.0492	CP309	-.4078		
CP110	.2007	CP133	-.6272	CP310	-.2642		
CP111	.3467	CP134	-.6323	CP311	-.1077		
CP112	.3994	CP135	.4048	CP312	-.0213		
CP113	.2511	CP136	.3914	CP313	.0156		
CP114	.0892	CP137	.2547	CP314	.0170		
CP115	-.3547	CP138	.0549	CP315	-.5544		
CP116	-.7282	CP139	-.3368	CP316	-.3588		
CP117	-1.4077	CP140	-.7099	CP317	-.2129		
CP118	-1.4888	CP141	-1.4289	CP318	-.0932		
CP119	-1.2548	CP142	-1.5097	CP319	-.0475		
CP120	-1.1160	CP143	-1.2227	CP320	-.0679		
CP121	-.8896	CP144	-1.0381	CP321	-.0594		
CP122	-.6652	CP145	-.8060	CP322	-.3804		
CP123	.3948	CP146	-.6185	CP323	-.3007		

TEST

16

RUN 41

TP 3315.

MACH .400

0

10286.2

P1

91961.6

ALPHA 20.20

CP101	.2639	CP124	.4746	CP301	-.5280	CP324	-.3153
CP102	.2848	CP125	.3305	CP302	-.3662	CP325	-1.0056
CP103	.2871	CP126	.1791	CP303	-.2366	CP326	-.4161
CP104	.2875	CP127	-.2390	CP304	-.0880	CP327	-.2098
CP105	.3134	CP128	-.6022	CP305	.0006	CP328	-.1980
CP106	.2941	CP129	-1.2577	CP306	.0407		
CP107	.3096	CP130	-1.4283	CP307	.0454		
CP108	.2797	CP131	-1.1798	CP308	-.5341		
CP109	.2983	CP132	-.9912	CP309	-.3591		
CP110	.2613	CP133	-.7686	CP310	-.2123		
CP111	.4011	CP134	-.5768	CP311	-.0665		
CP112	.4676	CP135	.4729	CP312	.0123		
CP113	.3205	CP136	.4645	CP313	.0379		
CP114	.1881	CP137	.3323	CP314	.0239		
CP115	-.2435	CP138	.1447	CP315	-.5030		
CP116	-.5970	CP139	-.2288	CP316	-.3004		
CP117	-1.2121	CP140	-.5870	CP317	-.1554		
CP118	-1.3056	CP141	-1.2693	CP318	-.0499		
CP119	-1.0612	CP142	-1.3722	CP319	-.0510		
CP120	-1.0242	CP143	-1.1668	CP320	-.0439		
CP121	-.7764	CP144	-.9560	CP321	-.0259		
CP122	-.5581	CP145	-.7252	CP322	-.3481		
CP123	.4639	CP146	-.5455	CP323	-.3007		

TEST

16

RUN 42

TP 3317.

MACH .599

Q

20231.2

P1

80450.3

ALPHA -1.97

CP101	-.0443	CP124	.1887	CP301	-.3845	CP324	-.2784
CP102	-.0223	CP125	.0697	CP302	-.2878	CP325	-.2647
CP103	-.0264	CP126	-.0985	CP303	-.2900	CP326	-.2619
CP104	-.0264	CP127	-.4307	CP304	-.2233	CP327	-.2164
CP105	.0014	CP128	-.6547	CP305	-.1722	CP328	-.1619
CP106	-.0165	CP129	-1.1493	CP306	-.1912		
CP107	-.0047	CP130	-1.5646	CP307	-.1053		
CP108	-.0194	CP131	-1.4782	CP308	-.5636		
CP109	.0024	CP132	-1.2615	CP309	-.3279		
CP110	-.0073	CP133	-.9709	CP310	-.2793		
CP111	.1560	CP134	-.7542	CP311	-.1676		
CP112	.1820	CP135	.1690	CP312	-.2369		
CP113	.0720	CP136	.1362	CP313	-.1957		
CP114	-.1053	CP137	.0692	CP314	-.1546		
CP115	-.4323	CP138	-.1586	CP315	-.3747		
CP116	-.6613	CP139	-.4355	CP316	-.2995		
CP117	-1.1524	CP140	-.6578	CP317	-.2865		
CP118	-1.5406	CP141	-1.1741	CP318	-.2708		
CP119	-1.4454	CP142	-1.5812	CP319	-.2406		
CP120	-1.2209	CP143	-1.5056	CP320	-.1436		
CP121	-.8867	CP144	-1.2273	CP321	-.1562		
CP122	-.6903	CP145	-.9631	CP322	-.3579		
CP123	.1824	CP146	-.7302	CP323	-.3392		

TEST

16

RUN 42

TP 3318.

MACH .601

Q

20290.8

P1

80384.7

ALPHA -.03

CP101	-.0254	CP124	.2137	CP301	-.5937	CP324	-.2772
CP102	-.0037	CP125	.0944	CP302	-.4087	CP325	-.2757
CP103	-.0090	CP126	-.0731	CP303	-.2767	CP326	-.2743
CP104	-.0073	CP127	-.4114	CP304	-.1785	CP327	-.2301
CP105	.0223	CP128	-.6379	CP305	-.1293	CP328	-.1707
CP106	.0051	CP129	-1.1364	CP306	-.1092		
CP107	.0175	CP130	-1.5657	CP307	-.0935		
CP108	.0022	CP131	-1.4823	CP308	-.5951		
CP109	.0203	CP132	-1.2359	CP309	-.4136		
CP110	.0148	CP133	-.9665	CP310	-.2783		
CP111	.1793	CP134	-.7364	CP311	-.1760		
CP112	.2092	CP135	.2147	CP312	-.1201		
CP113	.0923	CP136	.2142	CP313	-.1010		
CP114	-.0874	CP137	.0964	CP314	-.0896		
CP115	-.4200	CP138	-.1297	CP315	-.5913		
CP116	-.6500	CP139	-.4086	CP316	-.4017		
CP117	-1.1473	CP140	-.6356	CP317	-.2740		
CP118	-1.6006	CP141	-1.1607	CP318	-.1786		
CP119	-1.5226	CP142	-1.5516	CP319	-.1254		
CP120	-1.2485	CP143	-1.4759	CP320	-.1042		
CP121	-.9764	CP144	-1.1764	CP321	-.1002		
CP122	-.7487	CP145	-.9189	CP322	-.4463		
CP123	.2057	CP146	-.6861	CP323	-.3457		

TEST

16

RUN 42

TP 3319.

MACH .600

0

20265.0

P1

80401.2

ALPHA 4.04

CP101	.0127	CP124	.2701	CP301	-.5638	CP324	-.3132
CP102	.0373	CP125	.1510	CP302	-.4019	CP325	-.2848
CP103	.0341	CP126	-.0176	CP303	-.2990	CP326	-.3137
CP104	.0353	CP127	-.3623	CP304	-.1922	CP327	-.3155
CP105	.0653	CP128	-.6000	CP305	-.1254	CP328	-.2786
CP106	.0452	CP129	-1.1195	CP306	-.1016		
CP107	.0591	CP130	-1.5667	CP307	-.0844		
CP108	.0424	CP131	-1.5013	CP308	-.5928		
CP109	.0639	CP132	-1.2314	CP309	-.4047		
CP110	.0601	CP133	-.9796	CP310	-.2697		
CP111	.2284	CP134	-.7392	CP311	-.1701		
CP112	.2647	CP135	.2699	CP312	-.1258		
CP113	.1489	CP136	.2720	CP313	-.1053		
CP114	-.0368	CP137	.1530	CP314	-.0875		
CP115	-.3749	CP138	-.0715	CP315	-.5954		
CP116	-.6152	CP139	-.3588	CP316	-.3671		
CP117	-1.1382	CP140	-.5933	CP317	-.2499		
CP118	-1.6108	CP141	-1.1420	CP318	-.1620		
CP119	-1.5361	CP142	-1.5467	CP319	-.1154		
CP120	-1.2523	CP143	-1.4703	CP320	-.0855		
CP121	-.9783	CP144	-1.1784	CP321	-.0752		
CP122	-.7637	CP145	-.9084	CP322	-.4391		
CP123	.2622	CP146	-.6797	CP323	-.3346		

R-4

TEST

16

RUN 42

TP 3318.

MACH .601

Q

20290.8

P1

80384.7

ALPHA -.03

CP101	-.0254	CP124	.2137	CP301	-.5937	CP324	-.2772
CP102	-.0037	CP125	.0944	CP302	-.4087	CP325	-.2757
CP103	-.0090	CP126	-.0731	CP303	-.2767	CP326	-.2743
CP104	-.0073	CP127	-.4114	CP304	-.1785	CP327	-.2301
CP105	.0223	CP128	-.6379	CP305	-.1293	CP328	-.1707
CP106	.0051	CP129	-1.1364	CP306	-.1092		
CP107	.0175	CP130	-1.5657	CP307	-.0935		
CP108	.0022	CP131	-1.4823	CP308	-.5951		
CP109	.0203	CP132	-1.2359	CP309	-.4136		
CP110	.0148	CP133	-.9665	CP310	-.2783		
CP111	.1793	CP134	-.7364	CP311	-.1760		
CP112	.2092	CP135	.2147	CP312	-.1201		
CP113	.0923	CP136	.2142	CP313	-.1010		
CP114	-.0874	CP137	.0964	CP314	-.0896		
CP115	-.4200	CP138	-.1297	CP315	-.5913		
CP116	-.6500	CP139	-.4086	CP316	-.4017		
CP117	-1.1473	CP140	-.6356	CP317	-.2740		
CP118	-1.6006	CP141	-1.1607	CP318	-.1786		
CP119	-1.5226	CP142	-1.5516	CP319	-.1254		
CP120	-1.2485	CP143	-1.4759	CP320	-.1042		
CP121	-.9764	CP144	-1.1764	CP321	-.1002		
CP122	-.7487	CP145	-.9189	CP322	-.4463		
CP123	.2057	CP146	-.6861	CP323	-.3457		

TEST

16

RUN 42

TP 3320.

MACH .600

Q

20239.5

P1

80417.9

ALPHA 6.21

CP101	.0643	CP124	.3348	CP301	-.5722	CP324	-.2929
CP102	.0899	CP125	.2128	CP302	-.3986	CP325	-.5745
CP103	.0870	CP126	.0408	CP303	-.2762	CP326	-.3036
CP104	.0831	CP127	-.3048	CP304	-.1914	CP327	-.3017
CP105	.1212	CP128	-.5542	CP305	-.1176	CP328	-.2403
CP106	.0999	CP129	-1.1046	CP306	-.0767		
CP107	.1133	CP130	-1.5806	CP307	-.0567		
CP108	.0943	CP131	-1.5086	CP308	-.6063		
CP109	.1166	CP132	-1.2382	CP309	-.4197		
CP110	.1086	CP133	-.9793	CP310	-.2962		
CP111	.2795	CP134	-.7491	CP311	-.1878		
CP112	.3298	CP135	.3282	CP312	-.1170		
CP113	.2095	CP136	.3330	CP313	-.0785		
CP114	.0275	CP137	.2146	CP314	-.0601		
CP115	-.3208	CP138	-.0100	CP315	-.6037		
CP116	-.5754	CP139	-.2974	CP316	-.3970		
CP117	-1.1263	CP140	-.5474	CP317	-.2712		
CP118	-1.6210	CP141	-1.1220	CP318	-.1780		
CP119	-1.5559	CP142	-1.5374	CP319	-.1118		
CP120	-1.2397	CP143	-1.4770	CP320	-.0670		
CP121	-.9941	CP144	-1.1714	CP321	-.0426		
CP122	-.7642	CP145	-.9103	CP322	-.4295		
CP123	.3197	CP146	-.6868	CP323	-.3319		

TEST

16

RUN 42

TP 3321.

MACH .600

Q

20263.2

P1

80408.1

ALPHA 12.33

CP101	.1270	CP124	.3994	CP301	-.5996	CP324	-.3003
CP102	.1549	CP125	.2764	CP302	-.3971	CP325	-.5140
CP103	.1523	CP126	.1103	CP303	-.2858	CP326	-.3383
CP104	.1524	CP127	-.2395	CP304	-.1806	CP327	-.2241
CP105	.1860	CP128	-.5000	CP305	-.1006	CP328	-.1809
CP106	.1662	CP129	-1.0776	CP306	-.0578		
CP107	.1789	CP130	-1.5718	CP307	-.0365		
CP108	.1561	CP131	-1.4970	CP308	-.5979		
CP109	.1758	CP132	-1.1900	CP309	-.3996		
CP110	.1651	CP133	-.9480	CP310	-.2838		
CP111	.3354	CP134	-.7239	CP311	-.1744		
CP112	.3937	CP135	.3927	CP312	-.0983		
CP113	.2693	CP136	.3956	CP313	-.0601		
CP114	.1042	CP137	.2777	CP314	-.0462		
CP115	-.2536	CP138	.0686	CP315	-.5824		
CP116	-.5201	CP139	-.2314	CP316	-.3644		
CP117	-1.1035	CP140	-.4887	CP317	-.2513		
CP118	-1.6155	CP141	-1.0965	CP318	-.1628		
CP119	-1.5461	CP142	-1.5704	CP319	-.1007		
CP120	-1.1725	CP143	-1.4997	CP320	-.0994		
CP121	-.9699	CP144	-1.1786	CP321	-.1445		
CP122	-.7467	CP145	-.9312	CP322	-.4005		
CP123	.3839	CP146	-.7133	CP323	-.3109		

TEST

16

RUN 42

TP 3322.

MACH .599

Q

20236.7

P1

80453.3

ALPHA 16.43

CP101	.1977	CP124	.4656	CP301	-.5914	CP324	-.3127
CP102	.2276	CP125	.3410	CP302	-.3711	CP325	-.5997
CP103	.2239	CP126	.1796	CP303	-.2656	CP326	-.4650
CP104	.2251	CP127	-.1684	CP304	-.1530	CP327	-.1949
CP105	.2550	CP128	-.4415	CP305	-.0763	CP328	-.1497
CP106	.2370	CP129	-1.0442	CP306	-.0335		
CP107	.2508	CP130	-1.5813	CP307	-.0161		
CP108	.2240	CP131	-1.3301	CP308	-.5924		
CP109	.2460	CP132	-1.0452	CP309	-.3697		
CP110	.2313	CP133	-.8706	CP310	-.2545		
CP111	.3904	CP134	-.6761	CP311	-.1426		
CP112	.4544	CP135	.4591	CP312	-.0684		
CP113	.3319	CP136	.4583	CP313	-.0304		
CP114	.1804	CP137	.3456	CP314	-.0247		
CP115	-.1866	CP138	.1428	CP315	-.5621		
CP116	-.4674	CP139	-.1567	CP316	-.3362		
CP117	-1.0816	CP140	-.4201	CP317	-.2239		
CP118	-1.6024	CP141	-1.0532	CP318	-.1341		
CP119	-1.5108	CP142	-1.4696	CP319	-.0847		
CP120	-1.0715	CP143	-1.4557	CP320	-.1175		
CP121	-.8745	CP144	-1.0979	CP321	-.1185		
CP122	-.7040	CP145	-.8863	CP322	-.3725		
CP123	.4460	CP146	-.6591	CP323	-.3047		

TEST

16

RUN 43

TP 3332.

MACH .401

Q

10313.9

P1

91793.9

ALPHA -1.93

CP101	-.0626	CP301	-.6601	CP311	-.1039	CP321	-.0177
CP102	-.0608	CP302	-.3326	CP312	-.0589	CP322	-.4956
CP103	-.0734	CP303	-.1665	CP313	-.0312	CP323	-.3411
CP104	-.0842	CP304	-.0906	CP314	-.0218	CP324	-.3145
CP105	-.0684	CP305	-.0466	CP315	-.5747	CP325	-.3840
CP106	-.0754	CP306	-.0212	CP316	-.3054	CP326	-.4040
CP107	-.0823	CP307	-.0182	CP317	-.1819	CP327	-.3092
CP108	-.0772	CP308	-.6340	CP318	-.1207	CP328	-.1894
CP109	-.0711	CP309	-.3245	CP319	-.0799		
CP110	-.0777	CP310	-.1745	CP320	-.0427		

TEST

16

RUN 43

TP 3333.

MACH .401

Q

-10308.9

P1

91795.1

ALPHA -1.93

CP101	-.0687	CP301	-.6698	CP311	-.1006	CP321	-.0160
CP102	-.0667	CP302	-.3395	CP312	-.0557	CP322	-.4911
CP103	-.0796	CP303	-.1733	CP313	-.0279	CP323	-.3360
CP104	-.0905	CP304	-.0969	CP314	-.0192	CP324	-.3098
CP105	-.0766	CP305	-.0534	CP315	-.5733	CP325	-.3846
CP106	-.0807	CP306	-.0259	CP316	-.3034	CP326	-.4016
CP107	-.0885	CP307	-.0230	CP317	-.1800	CP327	-.3082
CP108	-.0809	CP308	-.6401	CP318	-.1194	CP328	-.1868
CP109	-.0729	CP309	-.3259	CP319	-.0800		
CP110	-.0770	CP310	-.1732	CP320	-.0404		

TEST

16

RUN 43

TP 3334.

MACH .400

Q

10289.6

P1

91813.8

ALPHA

.02

CP101	-.0490	CP301	-.6622	CP311	-.0960	CP321	-.0154
CP102	-.0478	CP302	-.3318	CP312	-.0528	CP322	-.4679
CP103	-.0582	CP303	-.1647	CP313	-.0256	CP323	-.3135
CP104	-.0661	CP304	-.0890	CP314	-.0194	CP324	-.2773
CP105	-.0516	CP305	-.0475	CP315	-.5592	CP325	-.3361
CP106	-.0597	CP306	-.0225	CP316	-.2876	CP326	-.3696
CP107	-.0680	CP307	-.0248	CP317	-.1653	CP327	-.2908
CP108	-.0601	CP308	-.6316	CP318	-.1077	CP328	-.1841
CP109	-.0513	CP309	-.3191	CP319	-.0708		
CP110	-.0554	CP310	-.1673	CP320	-.0369		

TEST

16

RUN 43

TP 3335.

MACH .400

Q

10286.8

P1

91817.9

ALPHA 3.99

CP101	-.0121	CP301	-.6493	CP311	-.0834	CP321	-.0120
CP102	-.0062	CP302	-.3198	CP312	-.0440	CP322	-.4071
CP103	-.0179	CP303	-.1558	CP313	-.0202	CP323	-.2545
CP104	-.0259	CP304	-.0806	CP314	-.0189	CP324	-.2142
CP105	-.0071	CP305	-.0392	CP315	-.5316	CP325	-.2328
CP106	-.0160	CP306	-.0173	CP316	-.2589	CP326	-.2792
CP107	-.0218	CP307	-.0190	CP317	-.1465	CP327	-.2509
CP108	-.0130	CP308	-.6095	CP318	-.0953	CP328	-.1940
CP109	-.0076	CP309	-.2993	CP319	-.0594		
CP110	-.0080	CP310	-.1510	CP320	-.0286		

TEST

16

RUN 43

TP 3336.

MACH .401

0

10323.1

P1

91765.5

ALPHA 8.06

CP101	.0385	CP301	-.6198	CP311	-.0589	CP321	.0050
CP102	.0427	CP302	-.2959	CP312	-.0220	CP322	-.3290
CP103	.0301	CP303	-.1369	CP313	-.0031	CP323	-.1942
CP104	.0224	CP304	-.0647	CP314	-.0083	CP324	-.1846
CP105	.0423	CP305	-.0249	CP315	-.4871	CP325	-.2051
CP106	.0323	CP306	-.0039	CP316	-.2195	CP326	-.1828
CP107	.0287	CP307	-.0106	CP317	-.1082	CP327	-.1776
CP108	.0357	CP308	-.5776	CP318	-.0660	CP328	-.1460
CP109	.0414	CP309	-.2703	CP319	-.0333		
CP110	.0412	CP310	-.1246	CP320	-.0042		

TEST

16

RUN 43

TP 3337.

MACH .401

Q

10311.9

P1

91791.0

ALPHA 12.13

CP101	.1006	CP301	-.5621	CP311	-.0356	CP321	-.0093
CP102	.1088	CP302	-.2523	CP312	-.0037	CP322	-.2559
CP103	.0945	CP303	-.1038	CP313	.0117	CP323	-.1304
CP104	.0875	CP304	-.0387	CP314	.0049	CP324	-.1148
CP105	.1044	CP305	-.0063	CP315	-.4261	CP325	-.3345
CP106	.0970	CP306	.0112	CP316	-.1718	CP326	-.1479
CP107	.0887	CP307	-.0008	CP317	-.0729	CP327	-.0639
CP108	.0974	CP308	-.5207	CP318	-.0467	CP328	-.0315
CP109	.1015	CP309	-.2300	CP319	-.0242		
CP110	.0955	CP310	-.0959	CP320	-.0051		

TEST

16

RUN 43

TP 3338.

MACH .400

Q

10290.6

P1

91825.5

ALPHA 16.19

CP101	.1711	CP301	-.4908	CP311	-.0082	CP321	-.0041
CP102	.1781	CP302	-.2028	CP312	.0119	CP322	-.1732
CP103	.1680	CP303	-.0677	CP313	.0184	CP323	-.0566
CP104	.1606	CP304	-.0120	CP314	-.0041	CP324	-.0592
CP105	.1650	CP305	.0167	CP315	-.3567	CP325	-.1916
CP106	.1731	CP306	.0251	CP316	-.1176	CP326	-.1006
CP107	.1645	CP307	.0013	CP317	-.0359	CP327	-.0056
CP108	.1628	CP308	-.4506	CP318	-.0229	CP328	.0137
CP109	.1747	CP309	-.1734	CP319	-.0163		
CP110	.1609	CP310	-.0555	CP320	.0020		

TEST

16

RUN 43

TP 3339.

MACH .400

Q

10290.4

P1

91834.4

ALPHA 20.24

CP101	.2510	CP301	-.4070	CP311	.0303	CP321	.0117
CP102	.2532	CP302	-.1426	CP312	.0418	CP322	-.0917
CP103	.2479	CP303	-.0204	CP313	.0414	CP323	.0051
CP104	.2423	CP304	.0264	CP314	.0077	CP324	.0027
CP105	.2665	CP305	.0448	CP315	-.2751	CP325	-.0946
CP106	.2517	CP306	.0461	CP316	-.0507	CP326	-.0530
CP107	.2457	CP307	.0147	CP317	.0216	CP327	.0364
CP108	.2369	CP308	-.3711	CP318	.0240	CP328	.0485
CP109	.2511	CP309	-.1129	CP319	.0202		
CP110	.2259	CP310	-.0097	CP320	.0277		

TEST

16

RUN 44

TP 3341.

MACH .600

Q

20242.3

P1

80319.5

ALPHA -1.94

CP101	-.0657	CP301	-.9038	CP311	-.1227	CP321	-.0146
CP102	-.0642	CP302	-.5068	CP312	-.0632	CP322	-.6280
CP103	-.0807	CP303	-.2413	CP313	-.0280	CP323	-.3976
CP104	-.0902	CP304	-.1258	CP314	-.0108	CP324	-.3450
CP105	-.0715	CP305	-.0630	CP315	-.9076	CP325	-.4219
CP106	-.0768	CP306	-.0244	CP316	-.4194	CP326	-.4313
CP107	-.0845	CP307	-.0087	CP317	-.1994	CP327	-.3107
CP108	-.0773	CP308	-.8978	CP318	-.1246	CP328	-.1845
CP109	-.0702	CP309	-.4924	CP319	-.0794		
CP110	-.0717	CP310	-.2296	CP320	-.0412		

TEST

16

RUN 44

TP 3342. MACH .601 Q 20272.3 P1 80281.2 ALPHA -.00

CP101	-.0461	CP301	-.9065	CP311	-.1125	CP321	-.0124
CP102	-.0454	CP302	-.4903	CP312	-.0564	CP322	-.5986
CP103	-.0583	CP303	-.2252	CP313	-.0227	CP323	-.3686
CP104	-.0667	CP304	-.1125	CP314	-.0059	CP324	-.3126
CP105	-.0492	CP305	-.0553	CP315	-.9060	CP325	-.3697
CP106	-.0547	CP306	-.0204	CP316	-.3988	CP326	-.3897
CP107	-.0634	CP307	-.0073	CP317	-.1862	CP327	-.3015
CP108	-.0565	CP308	-.9034	CP318	-.1166	CP328	-.1876
CP109	-.0483	CP309	-.4792	CP319	-.0729		
CP110	-.0458	CP310	-.2161	CP320	-.0359		

TEST

16

RUN 44

TP 3343.

MACH .601

Q

.20292.4

P1

80247.5

ALPHA 4.03

CP101	-.0076	CP301	-.9145	CP311	-.0923	CP321	-.0059
CP102	-.0026	CP302	-.4820	CP312	-.0415	CP322	-.5224
CP103	-.0166	CP303	-.2056	CP313	-.0145	CP323	-.3008
CP104	-.0250	CP304	-.0977	CP314	-.0042	CP324	-.2419
CP105	-.0042	CP305	-.0445	CP315	-.8897	CP325	-.2623
CP106	-.0145	CP306	-.0156	CP316	-.3588	CP326	-.2955
CP107	-.0214	CP307	-.0054	CP317	-.1591	CP327	-.2673
CP108	-.0119	CP308	-.9031	CP318	-.0944	CP328	-.1997
CP109	-.0015	CP309	-.4576	CP319	-.0571		
CP110	.0041	CP310	-.1910	CP320	-.0228		

TEST

16

RUN 44

TP 3344.

MACH .600

Q

20230.7

P1

80305.2

ALPHA 8.23

CP101	.0410	CP301	-.9048	CP311	-.0639	CP321	.0129
CP102	.0466	CP302	-.4478	CP312	-.0205	CP322	-.4292
CP103	.0341	CP303	-.1708	CP313	.0022	CP323	-.2340
CP104	.0267	CP304	-.0719	CP314	.0074	CP324	-.1916
CP105	.0508	CP305	-.0245	CP315	-.8395	CP325	-.2375
CP106	.0405	CP306	.0011	CP316	-.2942	CP326	-.2009
CP107	.0357	CP307	.0078	CP317	-.1109	CP327	-.1803
CP108	.0422	CP308	-.8816	CP318	-.0591	CP328	-.1360
CP109	.0496	CP309	-.4115	CP319	-.0314		
CP110	.0571	CP310	-.1512	CP320	-.0033		

TEST

16

RUN 44

TP 3345.

MACH .600

Q

20220.4

P1

80353.6

ALPHA 12.34

CP101	.1051	CP301	-.8698	CP311	-.0336	CP321	-.0130
CP102	.1116	CP302	-.3692	CP312	.0008	CP322	-.3276
CP103	.1010	CP303	-.1176	CP313	.0168	CP323	-.1590
CP104	.0929	CP304	-.0402	CP314	.0140	CP324	-.1287
CP105	.1144	CP305	-.0041	CP315	-.7484	CP325	-.3450
CP106	.1052	CP306	.0161	CP316	-.2203	CP326	-.1463
CP107	.0995	CP307	.0126	CP317	-.0744	CP327	-.0626
CP108	.1014	CP308	-.8370	CP318	-.0439	CP328	-.0285
CP109	.1133	CP309	-.3299	CP319	-.0227		
CP110	.1200	CP310	-.1028	CP320	-.0066		

TEST

16

RUN 44

TP 3346.

MACH .600

Q

20260.4

P1

80320.5

ALPHA 16.45

CP101	.1771	CP301	-.8115	CP311	-.0054	CP321	-.0012
CP102	.1840	CP302	-.2742	CP312	.0185	CP322	-.2231
CP103	.1771	CP303	-.0648	CP313	.0250	CP323	-.0746
CP104	.1703	CP304	-.0061	CP314	.0095	CP324	-.0690
CP105	.1897	CP305	.0194	CP315	-.6245	CP325	-.2157
CP106	.1826	CP306	.0313	CP316	-.1361	CP326	-.0979
CP107	.1754	CP307	.0178	CP317	-.0303	CP327	.0019
CP108	.1745	CP308	-.7588	CP318	-.0179	CP328	.0241
CP109	.1806	CP309	-.2382	CP319	-.0139		
CP110	.1885	CP310	-.0566	CP320	.0033		

TEST

16

RUN 44

TP 3347.

MACH .600

Q

20250.5

P1

80338.3

ALPHA 16.97

CP101	.1906	CP301	-.7875	CP311	.0005	CP321	.0039
CP102	.1958	CP302	-.2563	CP312	.0222	CP322	-.2142
CP103	.1863	CP303	-.0567	CP313	.0263	CP323	-.0685
CP104	.1801	CP304	-.0017	CP314	.0115	CP324	-.0605
CP105	.2017	CP305	.0226	CP315	-.6002	CP325	-.1876
CP106	.1914	CP306	.0331	CP316	-.1281	CP326	-.0842
CP107	.1823	CP307	.0169	CP317	-.0232	CP327	.0141
CP108	.1832	CP308	-.7450	CP318	-.0108	CP328	.0279
CP109	.1911	CP309	-.2205	CP319	-.0061		
CP110	.1997	CP310	-.0504	CP320	.0103		

TEST

16

RUN 45

TP 3363.

MACH .699

Q

24697.2

P1

72878.9

ALPHA -1.92

CP101	-.0637	CP301	-.7389	CP311	-.2220	CP321	-.0121
CP102	-.0611	CP302	-.5823	CP312	-.1103	CP322	-.7286
CP103	-.0757	CP303	-.3904	CP313	-.0365	CP323	-.4990
CP104	-.0878	CP304	-.2401	CP314	.0011	CP324	-.3892
CP105	-.0652	CP305	-.1201	CP315	-.7944	CP325	-.4427
CP106	-.0770	CP306	-.0478	CP316	-.8048	CP326	-.4770
CP107	-.0811	CP307	.0000	CP317	-.3196	CP327	-.3701
CP108	-.0749	CP308	-.7541	CP318	-.1769	CP328	-.2112
CP109	-.0652	CP309	-.6000	CP319	-.1012		
CP110	-.0667	CP310	-.3390	CP320	-.0464		

TEST

16

RUN 45

TP 3364.

MACH .701

Q

25005.8

P1

72740.4

ALPHA .02

CP101	-.0467	CP301	-.7475	CP311	-.2089	CP321	-.0084
CP102	-.0440	CP302	-.5906	CP312	-.0951	CP322	-.7283
CP103	-.0590	CP303	-.3846	CP313	-.0243	CP323	-.4694
CP104	-.0686	CP304	-.2270	CP314	.0091	CP324	-.3527
CP105	-.0450	CP305	-.1082	CP315	-.8051	CP325	-.3834
CP106	-.0543	CP306	-.0340	CP316	-.5972	CP326	-.4278
CP107	-.0588	CP307	.0041	CP317	-.3005	CP327	-.3474
CP108	-.0523	CP308	-.7603	CP318	-.1613	CP328	-.2121
CP109	-.0427	CP309	-.5990	CP319	-.0920		
CP110	-.0411	CP310	-.3761	CP320	-.0391		

TEST

16

RUN 45

TP 3365.

MACH .701

Q

25040.1

P1

72709.7

ALPHA 4.11

CP101	-.0091	CP301	-.7520	CP311	-.1717	CP321	.0040
CP102	-.0034	CP302	-.5894	CP312	-.0636	CP322	-.7100
CP103	-.0168	CP303	-.3688	CP313	-.0101	CP323	-.3884
CP104	-.0255	CP304	-.1934	CP314	.0109	CP324	-.2870
CP105	.0000	CP305	-.0830	CP315	-.8224	CP325	-.2567
CP106	-.0107	CP306	-.0189	CP316	-.5860	CP326	-.2761
CP107	-.0175	CP307	.0074	CP317	-.2591	CP327	-.2439
CP108	-.0096	CP308	-.7759	CP318	-.1300	CP328	-.2001
CP109	.0000	CP309	-.6024	CP319	-.0666		
CP110	.0055	CP310	-.3522	CP320	-.0202		

TEST

16

RUN 45

TP 3366.

MACH .700

Q

24977.3

P1

72791.1

ALPHA 8.32

CP101	.0436	CP301	-.7521	CP311	-.1207	CP321	.0204
CP102	.0532	CP302	-.5672	CP312	-.0299	CP322	-.6566
CP103	.0399	CP303	-.3157	CP313	.0099	CP323	-.2994
CP104	.0307	CP304	-.1419	CP314	.0255	CP324	-.2191
CP105	.0597	CP305	-.0432	CP315	-.8185	CP325	-.2906
CP106	.0434	CP306	.0021	CP316	-.5439	CP326	-.2267
CP107	.0384	CP307	.0205	CP317	-.1907	CP327	-.1932
CP108	.0407	CP308	-.7735	CP318	-.0806	CP328	-.1452
CP109	.0551	CP309	-.5709	CP319	-.0392		
CP110	.0616	CP310	-.2920	CP320	.0022		

TEST

16

RUN 46

TP 3369.

MACH .201

Q

2770.3

P1

98350.3

ALPHA -1.89

CP101	-.0665	CP301	-.6288	CP311	-.0958	CP321	-.0176
CP102	-.0674	CP302	-.3294	CP312	-.0518	CP322	-.4662
CP103	-.0813	CP303	-.1730	CP313	-.0261	CP323	-.3209
CP104	-.0909	CP304	-.0999	CP314	-.0191	CP324	-.2887
CP105	-.0768	CP305	-.0543	CP315	-.5407	CP325	-.3535
CP106	-.0816	CP306	-.0271	CP316	-.2927	CP326	-.3857
CP107	-.0847	CP307	-.0213	CP317	-.1751	CP327	-.2888
CP108	-.0794	CP308	-.6011	CP318	-.1177	CP328	-.1733
CP109	-.0719	CP309	-.3099	CP319	-.0777		
CP110	-.0752	CP310	-.1650	CP320	-.0434		

TEST

16

RUN 46

TP 3370.

MACH .201

Q

2767.9

P1

98359.1

ALPHA .01

CP101	-.0573	CP301	-.6346	CP311	-.0884	CP321	-.0145
CP102	-.0571	CP302	-.3321	CP312	-.0472	CP322	-.4369
CP103	-.0681	CP303	-.1719	CP313	-.0238	CP323	-.2912
CP104	-.0755	CP304	-.0972	CP314	-.0196	CP324	-.2532
CP105	-.0568	CP305	-.0517	CP315	-.5296	CP325	-.3001
CP106	-.0621	CP306	-.0246	CP316	-.2776	CP326	-.3346
CP107	-.0633	CP307	-.0222	CP317	-.1628	CP327	-.2788
CP108	-.0575	CP308	-.5899	CP318	-.1076	CP328	-.1744
CP109	-.0505	CP309	-.3032	CP319	-.0681		
CP110	-.0484	CP310	-.1572	CP320	-.0363		

TEST

16

RUN 46

TP 3371.

MACH .200

Q

2766.4

P1

98368.6

ALPHA 3.92

CP101	-.0093	CP301	-.6165	CP311	-.0850	CP321	-.0119
CP102	-.0048	CP302	-.3086	CP312	-.0430	CP322	-.3623
CP103	-.0166	CP303	-.1511	CP313	-.0213	CP323	-.2393
CP104	-.0272	CP304	-.0790	CP314	-.0219	CP324	-.2003
CP105	-.0071	CP305	-.0385	CP315	-.5100	CP325	-.2232
CP106	-.0166	CP306	-.0175	CP316	-.2533	CP326	-.2698
CP107	-.0214	CP307	-.0225	CP317	-.1444	CP327	-.2449
CP108	-.0167	CP308	-.5821	CP318	-.0959	CP328	-.1763
CP109	-.0105	CP309	-.2926	CP319	-.0582		
CP110	-.0101	CP310	-.1504	CP320	-.0278		

TEST

16

RUN 46

TP 3372.

MACH .201

Q

2769.3

P1

98370.9

ALPHA 7.95

CP101	.0372	CP301	-.5911	CP311	-.0611	CP321	.0031
CP102	.0430	CP302	-.2883	CP312	-.0253	CP322	-.3131
CP103	.0303	CP303	-.1367	CP313	-.0042	CP323	-.1828
CP104	.0205	CP304	-.0661	CP314	-.0112	CP324	-.1516
CP105	.0408	CP305	-.0269	CP315	-.4648	CP325	-.2572
CP106	.0331	CP306	-.0067	CP316	-.2126	CP326	-.1917
CP107	.0283	CP307	-.0164	CP317	-.1051	CP327	-.1771
CP108	.0317	CP308	-.5505	CP318	-.0666	CP328	-.1339
CP109	.0398	CP309	-.2644	CP319	-.0337		
CP110	.0392	CP310	-.1247	CP320	-.0072		

TEST

16

RUN 46

TP 3373.

MACH .200

Q

2756.2

P1

98385.0

ALPHA 11.98

CP101	.1019	CP301	-.5293	CP311	-.0385	CP321	-.0038
CP102	.1052	CP302	-.2460	CP312	-.0060	CP322	-.2453
CP103	.0937	CP303	-.1046	CP313	.0108	CP323	-.1216
CP104	.0834	CP304	-.0429	CP314	.0006	CP324	-.1119
CP105	.1021	CP305	-.0102	CP315	-.4067	CP325	-.2808
CP106	.0915	CP306	.0055	CP316	-.1670	CP326	-.1543
CP107	.0875	CP307	-.0088	CP317	-.0708	CP327	-.0657
CP108	.0896	CP308	-.5001	CP318	-.0459	CP328	-.0323
CP109	.0952	CP309	-.2283	CP319	-.0249		
CP110	.0929	CP310	-.0966	CP320	-.0053		

TEST

16

RUN 46

TP 3374.

MACH .199

Q

2738.7

P1

98403.3

ALPHA 16.00

CP101	.1664	CP301	-.4696	CP311	-.0118	CP321	-.0127
CP102	.1760	CP302	-.1986	CP312	.0092	CP322	-.1635
CP103	.1648	CP303	-.0690	CP313	.0138	CP323	-.0566
CP104	.1561	CP304	-.0143	CP314	-.0110	CP324	-.0650
CP105	.1775	CP305	.0112	CP315	-.3430	CP325	-.1993
CP106	.1679	CP306	.0213	CP316	-.1164	CP326	-.1042
CP107	.1648	CP307	-.0007	CP317	-.0357	CP327	-.0125
CP108	.1622	CP308	-.4224	CP318	-.0249	CP328	.0049
CP109	.1683	CP309	-.1719	CP319	-.0187		
CP110	.1565	CP310	-.0578	CP320	-.0056		

TEST

16

RUN 46

TP 3375.

MACH .200

Q

2747.5

P1

98403.2

ALPHA 20.00

CP101	.2409	CP301	-.3891	CP311	.0212	CP321	.0127
CP102	.2451	CP302	-.1427	CP312	.0325	CP322	-.0858
CP103	.2386	CP303	-.0253	CP313	.0290	CP323	.0124
CP104	.2396	CP304	.0231	CP314	-.0037	CP324	-.0029
CP105	.2548	CP305	.0399	CP315	-.2690	CP325	-.1068
CP106	.2460	CP306	.0425	CP316	-.0545	CP326	-.0496
CP107	.2469	CP307	.0065	CP317	.0172	CP327	.0345
CP108	.2331	CP308	-.3453	CP318	.0184	CP328	.0409
CP109	.2420	CP309	-.1115	CP319	.0195		
CP110	.2203	CP310	-.0113	CP320	.0305		

TEST

16

RUN 47

TP 3380.

MACH .400

Q

10159.3

P1

90608.2

ALPHA -2.06

CP101	-.0685	CP301	-.6413	CP311	-.0724	CP321	-.0025
CP102	-.0688	CP302	-.3189	CP312	-.0295	CP322	-.4638
CP103	-.0832	CP303	-.1514	CP313	-.0087	CP323	-.3098
CP104	-.0927	CP304	-.0739	CP314	-.0148	CP324	-.2779
CP105	-.0713	CP305	-.0288	CP315	-.5423	CP325	-.3412
CP106	-.0788	CP306	-.0087	CP316	-.2750	CP326	-.3587
CP107	-.0853	CP307	-.0200	CP317	-.1519	CP327	-.2564
CP108	-.0785	CP308	-.6105	CP318	-.0889	CP328	-.1309
CP109	-.0723	CP309	-.3014	CP319	-.0464		
CP110	-.0733	CP310	-.1470	CP320	-.0092		

TEST

16

RUN 47

TP 3381.

MACH .400

Q

10150.9

P1

90607.0

ALPHA -.14

CP101	-.0479	CP301	-.6300	CP311	-.0688	CP321	.0006
CP102	-.0439	CP302	-.3068	CP312	-.0256	CP322	-.4413
CP103	-.0601	CP303	-.1419	CP313	-.0040	CP323	-.2854
CP104	-.0698	CP304	-.0670	CP314	-.0154	CP324	-.2436
CP105	-.0504	CP305	-.0239	CP315	-.5337	CP325	-.2988
CP106	-.0592	CP306	-.0046	CP316	-.2652	CP326	-.3271
CP107	-.0635	CP307	-.0183	CP317	-.1410	CP327	-.2459
CP108	-.0554	CP308	-.5997	CP318	-.0802	CP328	-.1376
CP109	-.0500	CP309	-.2914	CP319	-.0380		
CP110	-.0481	CP310	-.1404	CP320	-.0026		

TEST

16

RUN 47

TF 3382.

MACH .401

Q

10188.4

P1

90569.3

ALPHA 3.82

CP101	-.0130	CP301	-.6252	CP311	-.0582	CP321	.0093
CP102	-.0093	CP302	-.2977	CP312	-.0167	CP322	-.3734
CP103	-.0202	CP303	-.1334	CP313	.0039	CP323	-.2269
CP104	-.0302	CP304	-.0594	CP314	-.0113	CP324	-.1641
CP105	-.0075	CP305	-.0176	CP315	-.5030	CP325	-.1940
CP106	-.0192	CP306	.0004	CP316	-.2344	CP326	-.2382
CP107	-.0209	CP307	-.0153	CP317	-.1175	CP327	-.2148
CP108	-.0170	CP308	-.5876	CP318	-.0631	CP328	-.1651
CP109	-.0091	CP309	-.2778	CP319	-.0218		
CP110	-.0024	CP310	-.1274	CP320	.0092		

TEST

16

RUN 47

TP 3383.

MACH .400

Q

10138.9

P1

90626.4

ALPHA 7.89

CP101	.0388	CP301	-.5886	CP311	-.0312	CP321	.0272
CP102	.0446	CP302	-.2689	CP312	.0070	CP322	-.3044
CP103	.0304	CP303	-.1105	CP313	.0238	CP323	-.1708
CP104	.0201	CP304	-.0376	CP314	.0038	CP324	-.1508
CP105	.0464	CP305	.0030	CP315	-.4591	CP325	-.1681
CP106	.0349	CP306	.0212	CP316	-.1926	CP326	-.1387
CP107	.0323	CP307	.0007	CP317	-.0797	CP327	-.1273
CP108	.0350	CP308	-.5474	CP318	-.0317	CP328	-.1060
CP109	.0446	CP309	-.2436	CP319	.0049		
CP110	.0452	CP310	-.0980	CP320	.0371		

TEST

16

RUN 47

TP 3384.

MACH .400

Q

10139.4

P1

90648.4

ALPHA 11.94

CP101	.0992	CP301	-.5351	CP311	-.0033	CP321	.0027
CP102	.1065	CP302	-.2284	CP312	.0280	CP322	-.2299
CP103	.0932	CP303	-.0772	CP313	.0408	CP323	-.1063
CP104	.0860	CP304	-.0099	CP314	.0142	CP324	-.0844
CP105	.1114	CP305	.0253	CP315	-.4025	CP325	-.2893
CP106	.1017	CP306	.0389	CP316	-.1480	CP326	-.1053
CP107	.0962	CP307	.0103	CP317	-.0484	CP327	-.0211
CP108	.0972	CP308	-.4910	CP318	-.0185	CP328	.0069
CP109	.1061	CP309	-.2009	CP319	.0096		
CP110	.1043	CP310	-.0639	CP320	.0292		

TEST

16

RUN 47

TP 3385.

MACH .400

Q

10154.0

P1

90638.8

ALPHA 16.01

CP101	.1692	CP301	-.4655	CP311	.0220	CP321	.0070
CP102	.1780	CP302	-.1784	CP312	.0435	CP322	-.1524
CP103	.1664	CP303	-.0432	CP313	.0473	CP323	-.0399
CP104	.1585	CP304	.0134	CP314	.0092	CP324	-.0318
CP105	.1868	CP305	.0413	CP315	-.3306	CP325	-.1657
CP106	.1731	CP306	.0487	CP316	-.0912	CP326	-.0660
CP107	.1655	CP307	.0154	CP317	-.0064	CP327	.0456
CP108	.1662	CP308	-.4229	CP318	.0092	CP328	.0593
CP109	.1757	CP309	-.1501	CP319	.0198		
CP110	.1638	CP310	-.0311	CP320	.0349		

TEST

16

RUN 47

TP 3386.

MACH .400

Q

10162.3

P1

90637.0

ALPHA 20.00

CP101	.2476	CP301	-.3849	CP311	.0584	CP321	.0305
CP102	.2553	CP302	-.1200	CP312	.0732	CP322	-.0688
CP103	.2460	CP303	.0030	CP313	.0676	CP323	.0273
CP104	.2372	CP304	.0498	CP314	.0203	CP324	.0285
CP105	.2645	CP305	.0699	CP315	-.2545	CP325	-.0678
CP106	.2471	CP306	.0673	CP316	-.0321	CP326	-.0139
CP107	.2468	CP307	.0294	CP317	.0400	CP327	.0818
CP108	.2373	CP308	-.3443	CP318	.0507	CP328	.0880
CP109	.2492	CP309	-.0904	CP319	.0554		
CP110	.2319	CP310	.0167	CP320	.0664		

TEST

16

RUN 48

TP 3391.

MACH .399

Q

10124.8

P1

90670.0

ALPHA -1.79

CP101	-.0662	CP301	-.6921	CP311	-.1277	CP321	-.0453
CP102	-.0661	CP302	-.3625	CP312	-.0835	CP322	-.5192
CP103	-.0646	CP303	-.1988	CP313	-.0543	CP323	-.3630
CP104	-.0961	CP304	-.1241	CP314	-.0321	CP324	-.3401
CP105	-.0791	CP305	-.0794	CP315	-.6054	CP325	-.4247
CP106	-.0670	CP306	-.0490	CP316	-.3315	CP326	-.4512
CP107	-.0937	CP307	-.0330	CP317	-.2079	CP327	-.3602
CP108	-.0862	CP308	-.6727	CP318	-.1487	CP328	-.2509
CP109	-.0778	CP309	-.3528	CP319	-.1098		
CP110	-.0774	CP310	-.1988	CP320	-.0757		

TEST

16

RUN 48

TP 3392.

MACH .400

Q

10165.4

P1

90624.7

ALPHA .13

CP101	-.0561	CP301	-.6972	CP311	-.1185	CP321	-.0413
CP102	-.0539	CP302	-.3631	CP312	-.0756	CP322	-.4903
CP103	-.0674	CP303	-.1955	CP313	-.0468	CP323	-.3320
CP104	-.0783	CP304	-.1204	CP314	-.0302	CP324	-.3035
CP105	-.0592	CP305	-.0768	CP315	-.5862	CP325	-.3746
CP106	-.0665	CP306	-.0463	CP316	-.3132	CP326	-.4138
CP107	-.0716	CP307	-.0325	CP317	-.1943	CP327	-.3449
CP108	-.0629	CP308	-.6609	CP318	-.1372	CP328	-.2487
CP109	-.0532	CP309	-.3411	CP319	-.1013		
CP110	-.0514	CP310	-.1894	CP320	-.0684		

TEST

16

RUN 48

TP 3393.

MACH .400

Q

10172.7

P1

90606.9

ALPHA 4.09

CP101	-.0131	CP301	-.6774	CP311	-.1087	CP321	-.0344
CP102	-.0099	CP302	-.3448	CP312	-.0691	CP322	-.4245
CP103	-.0237	CP303	-.1820	CP313	-.0444	CP323	-.2761
CP104	-.0317	CP304	-.1066	CP314	-.0303	CP324	-.2397
CP105	-.0099	CP305	-.0647	CP315	-.5584	CP325	-.2700
CP106	-.0204	CP306	-.0375	CP316	-.2816	CP326	-.3167
CP107	-.0246	CP307	-.0280	CP317	-.1691	CP327	-.2877
CP108	-.0174	CP308	-.6386	CP318	-.1201	CP328	-.2316
CP109	-.0109	CP309	-.3241	CP319	-.0879		
CP110	-.0084	CP310	-.1772	CP320	-.0594		

TEST

16

RUN 48

TP 3394.

MACH .400

Q

10162.1

P1

90618.7

ALPHA 8.17

CP101	.0352	CP301	-.6444	CP311	-.0878	CP321	-.0238
CP102	.0420	CP302	-.3148	CP312	-.0519	CP322	-.3503
CP103	.0308	CP303	-.1569	CP313	-.0312	CP323	-.2159
CP104	.0209	CP304	-.0883	CP314	-.0236	CP324	-.2125
CP105	.0405	CP305	-.0491	CP315	-.5146	CP325	-.2344
CP106	.0317	CP306	-.0256	CP316	-.2419	CP326	-.2260
CP107	.0254	CP307	-.0217	CP317	-.1333	CP327	-.2272
CP108	.0311	CP308	-.6042	CP318	-.0927	CP328	-.1869
CP109	.0373	CP309	-.2953	CP319	-.0655		
CP110	.0385	CP310	-.1513	CP320	-.0416		

TEST

16

RUN 48

TP 3395.

MACH .400

Q

10143.0

P1

90647.8

ALPHA 12.27

CP101	.1002	CP301	-.5866	CP311	-.0610	CP321	-.0334
CP102	.1051	CP302	-.2764	CP312	-.0328	CP322	-.2743
CP103	.0940	CP303	-.1275	CP313	-.0173	CP323	-.1491
CP104	.0832	CP304	-.0659	CP314	-.0149	CP324	-.1367
CP105	.1077	CP305	-.0321	CP315	-.4517	CP325	-.3685
CP106	.0952	CP306	-.0108	CP316	-.1936	CP326	-.1943
CP107	.0918	CP307	-.0131	CP317	-.0991	CP327	-.1110
CP108	.0952	CP308	-.5459	CP318	-.0775	CP328	-.0816
CP109	.0984	CP309	-.2516	CP319	-.0580		
CP110	.1016	CP310	-.1165	CP320	-.0384		

TEST

16

RUN 48

TP 3396. MACH .400 Q 10148.5 P1 90655.7 ALPHA 16.34

CP101	.1686	CP301	-.5174	CP311	-.0346	CP321	-.0361
CP102	.1774	CP302	-.2243	CP312	-.0140	CP322	-.1940
CP103	.1691	CP303	-.0889	CP313	-.0085	CP323	-.0850
CP104	.1562	CP304	-.0391	CP314	-.0193	CP324	-.0894
CP105	.1793	CP305	-.0137	CP315	-.3809	CP325	-.2375
CP106	.1686	CP306	-.0015	CP316	-.1367	CP326	-.1460
CP107	.1644	CP307	-.0132	CP317	-.0602	CP327	-.0501
CP108	.1622	CP308	-.4745	CP318	-.0528	CP328	-.0374
CP109	.1750	CP309	-.1959	CP319	-.0531		
CP110	.1663	CP310	-.0781	CP320	-.0396		

TEST

16

RUN 48

TP 3397.

MACH .400

Q

10152.5

P1

90658.1

ALPHA 20.38

CP101	.2462	CP301	-.4353	CP311	.0027	CP321	-.0142
CP102	.2502	CP302	-.1666	CP312	.0160	CP322	-.1166
CP103	.2428	CP303	-.0457	CP313	.0131	CP323	-.0158
CP104	.2405	CP304	.0011	CP314	-.0086	CP324	-.0252
CP105	.2586	CP305	.0174	CP315	-.2971	CP325	-.1349
CP106	.2503	CP306	.0229	CP316	-.0741	CP326	-.0899
CP107	.2471	CP307	.0005	CP317	-.0047	CP327	-.0103
CP108	.2379	CP308	-.3919	CP318	-.0087	CP328	-.0010
CP109	.2446	CP309	-.1371	CP319	-.0116		
CP110	.2294	CP310	-.0318	CP320	-.0046		

TEST

16

RUN 49

TP 3400.

MACH .600

Q

-19982.4

P1

79296.2

ALPHA -1.66

CP101	-.0682	CP301	-.9341	CP311	-.1489	CP321	-.0467
CP102	-.0677	CP302	-.5533	CP312	-.0900	CP322	-.6618
CP103	-.0822	CP303	-.2770	CP313	-.0529	CP323	-.4202
CP104	-.0916	CP304	-.1532	CP314	-.0247	CP324	-.3760
CP105	-.0708	CP305	-.0897	CP315	-.9498	CP325	-.4575
CP106	-.0791	CP306	-.0493	CP316	-.4571	CP326	-.4859
CP107	-.0851	CP307	-.0223	CP317	-.2260	CP327	-.3774
CP108	-.0760	CP308	-.9285	CP318	-.1537	CP328	-.2624
CP109	-.0681	CP309	-.5339	CP319	-.1126		
CP110	-.0690	CP310	-.2591	CP320	-.0774		

TEST

16

RUN 49

TP 3401.

MACH .600

Q

19968.7

P1

79317.1

ALPHA .26

CP101	-.0497	CP301	-.9358	CP311	-.1381	CP321	-.0400
CP102	-.0449	CP302	-.5355	CP312	-.0831	CP322	-.6265
CP103	-.0593	CP303	-.2555	CP313	-.0494	CP323	-.3944
CP104	-.0697	CP304	-.1423	CP314	-.0240	CP324	-.3364
CP105	-.0498	CP305	-.0837	CP315	-.9425	CP325	-.4093
CP106	-.0589	CP306	-.0455	CP316	-.4318	CP326	-.4412
CP107	-.0633	CP307	-.0212	CP317	-.2092	CP327	-.3629
CP108	-.0573	CP308	-.9284	CP318	-.1428	CP328	-.2557
CP109	-.0476	CP309	-.5199	CP319	-.1060		
CP110	-.0429	CP310	-.2428	CP320	-.0714		

TEST

16

RUN 49

TP 3402.

MACH .600

Q

19982.8

P1

79292.4

ALPHA 4.29

CP101	-.0107	CP301	-.9457	CP311	-.1175	CP321	-.0344
CP102	-.0047	CP302	-.5208	CP312	-.0689	CP322	-.5427
CP103	-.0175	CP303	-.2320	CP313	-.0415	CP323	-.3225
CP104	-.0253	CP304	-.1207	CP314	-.0196	CP324	-.2716
CP105	-.0015	CP305	-.0688	CP315	-.9294	CP325	-.2908
CP106	-.0134	CP306	-.0372	CP316	-.3920	CP326	-.3322
CP107	-.0202	CP307	-.0175	CP317	-.1819	CP327	-.3033
CP108	-.0100	CP308	-.9288	CP318	-.1219	CP328	-.2428
CP109	-.0008	CP309	-.4912	CP319	-.0883		
CP110	.0062	CP310	-.2120	CP320	-.0592		

TEST

16

RUN 49

TP 3408.

MACH .600

Q

20004.9

P1

79272.8

ALPHA 8.51

CP101	.0423	CP301	-.9325	CP311	-.0902	CP321	-.0197
CP102	.0478	CP302	-.4829	CP312	-.0498	CP322	-.4468
CP103	.0345	CP303	-.1966	CP313	-.0275	CP323	-.2536
CP104	.0283	CP304	-.0964	CP314	-.0131	CP324	-.2201
CP105	.0506	CP305	-.0531	CP315	-.3810	CP325	-.2744
CP106	.0407	CP306	-.0257	CP316	-.3261	CP326	-.2452
CP107	.0343	CP307	-.0129	CP317	-.1365	CP327	-.2272
CP108	.0421	CP308	-.9125	CP318	-.0894	CP328	-.1922
CP109	.0514	CP309	-.4419	CP319	-.0642		
CP110	.0573	CP310	-.1753	CP320	-.0391		

TEST

16

RUN 49

TP 3404.

MACH .600

Q

19961.5

P1

79319.2

ALPHA 12.64

CP101	.1092	CP301	-.8940	CP311	-.0605	CP321	-.0429
CP102	.1167	CP302	-.4033	CP312	-.0301	CP322	-.3485
CP103	.1036	CP303	-.1399	CP313	-.0163	CP323	-.1774
CP104	.0952	CP304	-.0624	CP314	-.0076	CP324	-.1488
CP105	.1205	CP305	-.0238	CP315	-.7998	CP325	-.3843
CP106	.1077	CP306	-.0098	CP316	-.2481	CP326	-.1866
CP107	.1021	CP307	-.0046	CP317	-.0976	CP327	-.1085
CP108	.1061	CP308	-.8656	CP318	-.0701	CP328	-.0802
CP109	.1157	CP309	-.3647	CP319	-.0584		
CP110	.1152	CP310	-.1274	CP320	-.0456		

TEST

16

RUN 49

TP 3405.

MACH .600

0

19978.9

P1

79311.0

ALPHA 16.77

CP101	.1826	CP301	-.8339	CP311	-.0331	CP321	-.0360
CP102	.1907	CP302	-.3016	CP312	-.0140	CP322	-.2437
CP103	.1794	CP303	-.0875	CP313	-.0119	CP323	-.0951
CP104	.1711	CP304	-.0318	CP314	-.0156	CP324	-.0878
CP105	.1941	CP305	-.0119	CP315	-.6691	CP325	-.2428
CP106	.1788	CP306	-.0023	CP316	-.1577	CP326	-.1359
CP107	.1761	CP307	-.0114	CP317	-.0531	CP327	-.0456
CP108	.1764	CP308	-.7938	CP318	-.0478	CP328	-.0341
CP109	.1823	CP309	-.2648	CP319	-.0462		
CP110	.1816	CP310	-.0770	CP320	-.0347		

TEST

16

RUN 49

TP 3406.

MACH .600

Q

20014.4

P1

79306.9

ALPHA 20.80

CP101	.2651	CP301	-.7216	CP311	.0073	CP321	-.0118
CP102	.2708	CP302	-.1891	CP312	.0162	CP322	-.1438
CP103	.2630	CP303	-.0325	CP313	.0127	CP323	-.0169
CP104	.2530	CP304	.0071	CP314	-.0029	CP324	-.0224
CP105	.2732	CP305	.0196	CP315	-.5087	CP325	-.1308
CP106	.2636	CP306	.0231	CP316	-.0785	CP326	-.0891
CP107	.2582	CP307	.0064	CP317	-.0004	CP327	-.0035
CP108	.2529	CP308	-.6781	CP318	-.0035	CP328	-.0022
CP109	.2562	CP309	-.1648	CP319	-.0111		
CP110	.2473	CP310	-.0270	CP320	-.0061		

TEST

16

RUN 50

TP 3412.

MACH .400

Q

10136.9

P1

90697.9

ALPHA -1.87

CP101	-.0712	CP301	-.7295	CP311	-.1583	CP321	-.0843
CP102	-.0710	CP302	-.3940	CP312	-.1137	CP322	-.5452
CP103	-.0842	CP303	-.2254	CP313	-.0799	CP323	-.3883
CP104	-.0955	CP304	-.1502	CP314	-.0458	CP324	-.3676
CP105	-.0774	CP305	-.1042	CP315	-.6307	CP325	-.4558
CP106	-.0843	CP306	-.0687	CP316	-.3571	CP326	-.5057
CP107	-.0910	CP307	-.0381	CP317	-.2376	CP327	-.4210
CP108	-.0863	CP308	-.6998	CP318	-.1813	CP328	-.3373
CP109	-.0809	CP309	-.3810	CP319	-.1464		
CP110	-.0797	CP310	-.2267	CP320	-.1148		

TEST

16

RUN 50

TP 3413.

MACH .400

G

10165.7

P1

90677.8

ALPHA .03

CP101	-.0528	CP301	-.7206	CP311	-.1483	CP321	-.0807
CP102	-.0519	CP302	-.3845	CP312	-.1071	CP322	-.5188
CP103	-.0660	CP303	-.2197	CP313	-.0763	CP323	-.3618
CP104	-.0766	CP304	-.1452	CP314	-.0452	CP324	-.3331
CP105	-.0566	CP305	-.0991	CP315	-.6130	CP325	-.4132
CP106	-.0633	CP306	-.0659	CP316	-.3363	CP326	-.4610
CP107	-.0709	CP307	-.0383	CP317	-.2192	CP327	-.4025
CP108	-.0637	CP308	-.6986	CP318	-.1685	CP328	-.3253
CP109	-.0558	CP309	-.3672	CP319	-.1371		
CP110	-.0532	CP310	-.2155	CP320	-.1085		

TEST

16

RUN 50

TP 3414.

MACH .401

Q

10184.2

P1

90615.2

ALPHA 3.97

CP101	-.0160	CP301	-.7075	CP311	-.1325	CP321	-.0655
CP102	-.0130	CP302	-.3701	CP312	-.0951	CP322	-.4450
CP103	-.0248	CP303	-.2067	CP313	-.0676	CP323	-.2953
CP104	-.0351	CP304	-.1347	CP314	-.0382	CP324	-.2658
CP105	-.0165	CP305	-.0932	CP315	-.5760	CP325	-.3043
CP106	-.0232	CP306	-.0618	CP316	-.3030	CP326	-.3645
CP107	-.0254	CP307	-.0324	CP317	-.1907	CP327	-.3300
CP108	-.0194	CP308	-.6621	CP318	-.1459	CP328	-.2821
CP109	-.0091	CP309	-.3433	CP319	-.1187		
CP110	-.0072	CP310	-.1986	CP320	-.0932		

TEST

16

RUN 50

TP 3415.

MACH .401

Q

10177.3

P1

90628.1

ALPHA 8.05

CP101	.0364	CP301	-.6675	CP311	-.1126	CP321	-.0619
CP102	.0414	CP302	-.3380	CP312	-.0794	CP322	-.3718
CP103	.0291	CP303	-.1816	CP313	-.0588	CP323	-.2390
CP104	.0189	CP304	-.1146	CP314	-.0406	CP324	-.2263
CP105	.0379	CP305	-.0778	CP315	-.5362	CP325	-.2644
CP106	.0312	CP306	-.0497	CP316	-.2614	CP326	-.2649
CP107	.0253	CP307	-.0332	CP317	-.1539	CP327	-.2764
CP108	.0299	CP308	-.6311	CP318	-.1202	CP328	-.2521
CP109	.0361	CP309	-.3172	CP319	-.0978		
CP110	.0411	CP310	-.1736	CP320	-.0771		

TEST

16

RUN 50

TP 3416.

MACH .400

Q

10152.4

P1

90659.3

ALPHA 12.15

CP101	.0995	CP301	-.6117	CP311	-.0860	CP321	-.0655
CP102	.1063	CP302	-.2973	CP312	-.0611	CP322	-.2897
CP103	.0934	CP303	-.1514	CP313	-.0460	CP323	-.1669
CP104	.0822	CP304	-.0903	CP314	-.0364	CP324	-.1607
CP105	.1061	CP305	-.0589	CP315	-.4714	CP325	-.4126
CP106	.0957	CP306	-.0390	CP316	-.2133	CP326	-.2304
CP107	.0874	CP307	-.0357	CP317	-.1209	CP327	-.1612
CP108	.0922	CP308	-.5714	CP318	-.1036	CP328	-.1463
CP109	.0999	CP309	-.2717	CP319	-.0913		
CP110	.1005	CP310	-.1402	CP320	-.0742		

TEST

16

RUN 50

TP 3417.

MACH .400

Q

10170.7

P1

90644.5

ALPHA 16.24

CP101	.1681	CP301	-.5444	CP311	-.0612	CP321	-.0735
CP102	.1776	CP302	-.2467	CP312	-.0463	CP322	-.2095
CP103	.1676	CP303	-.1153	CP313	-.0412	CP323	-.1006
CP104	.1598	CP304	-.0641	CP314	-.0430	CP324	-.1099
CP105	.1784	CP305	-.0409	CP315	-.3987	CP325	-.2708
CP106	.1693	CP306	-.0279	CP316	-.1542	CP326	-.1935
CP107	.1658	CP307	-.0314	CP317	-.0780	CP327	-.0993
CP108	.1637	CP308	-.4973	CP318	-.0762	CP328	-.0974
CP109	.1717	CP309	-.2189	CP319	-.0846		
CP110	.1621	CP310	-.1029	CP320	-.0767		

TEST

16

RUN 50

TP 3418.

MACH .400

Q

10136.6

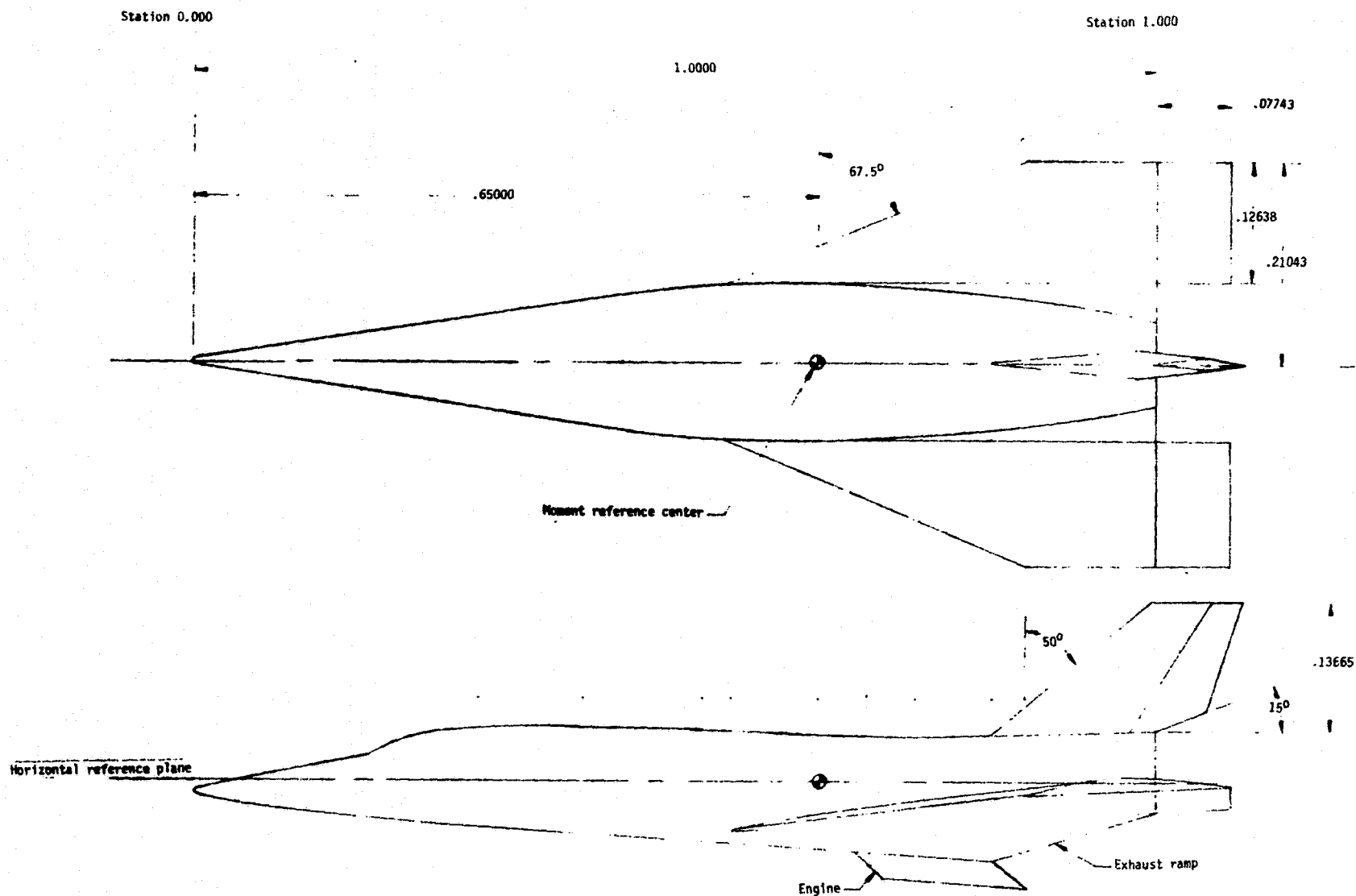
P1

90699.6

ALPHA 20.28

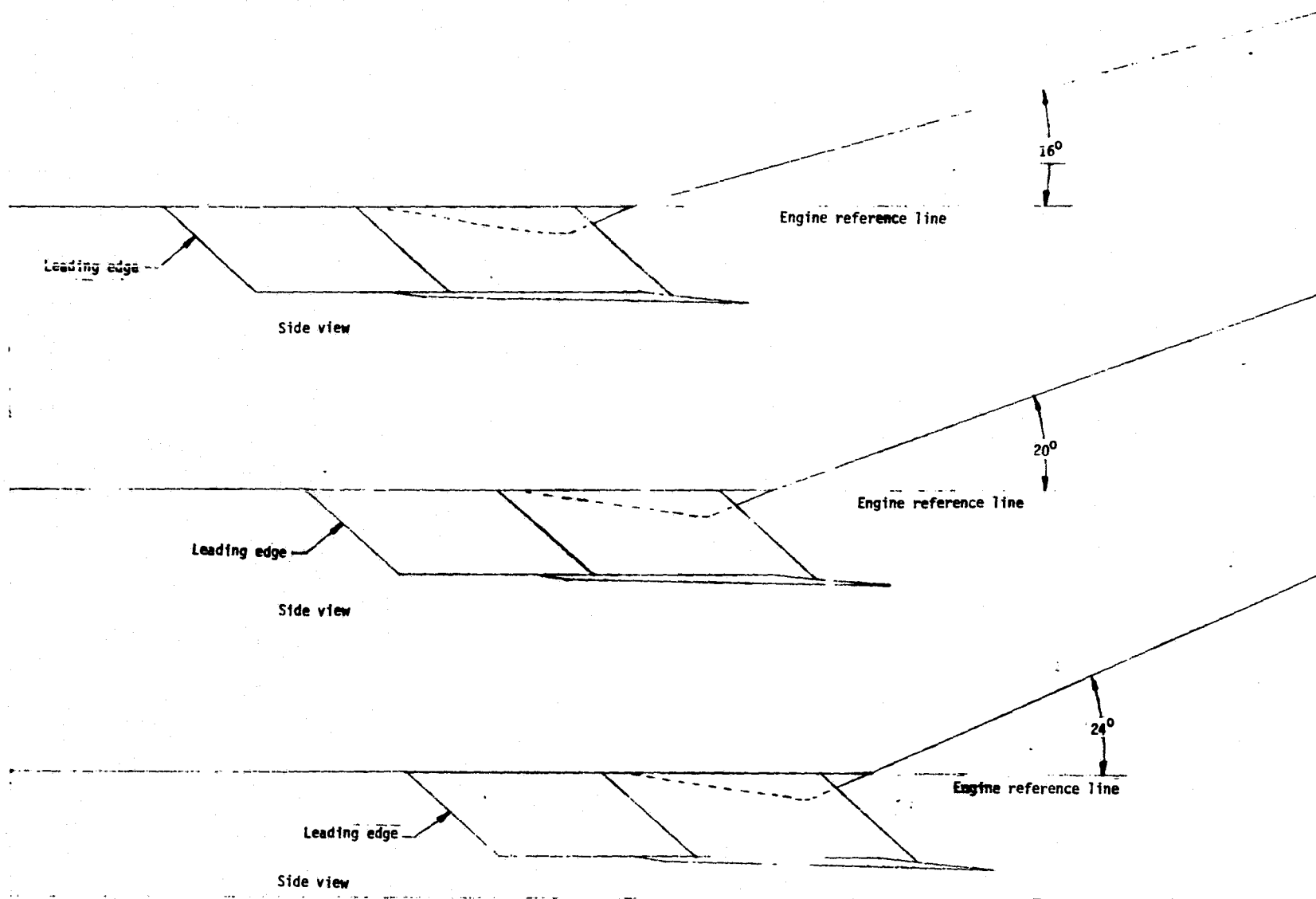
CP101	.2485	CP301	-.4493	CP311	-.0218	CP321	-.0503
CP102	.2615	CP302	-.1758	CP312	-.0165	CP322	-.1288
CP103	.2506	CP303	-.0593	CP313	-.0162	CP323	-.0361
CP104	.2429	CP304	-.0204	CP314	-.0274	CP324	-.0494
CP105	.2616	CP305	-.0078	CP315	-.3170	CP325	-.1708
CP106	.2503	CP306	-.0050	CP316	-.0918	CP326	-.1299
CP107	.2442	CP307	-.0192	CP317	-.0301	CP327	-.0554
CP108	.2373	CP308	-.4096	CP318	-.0346	CP328	-.0634
CP109	.2470	CP309	-.1530	CP319	-.0475		
CP110	.2309	CP310	-.0514	CP320	-.0468		

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ORIGINAL PAGE IS POOR



(a) General arrangement of the model.

Figure 1.- Drawings of the model tested. All dimensions are based on a body length of 1.753 m. (69.000 in.)



(b) General arrangement of the engine and exhaust ramps.
Figure 1.- Continued.

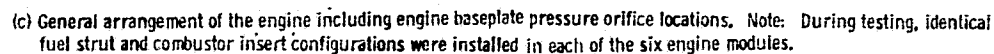
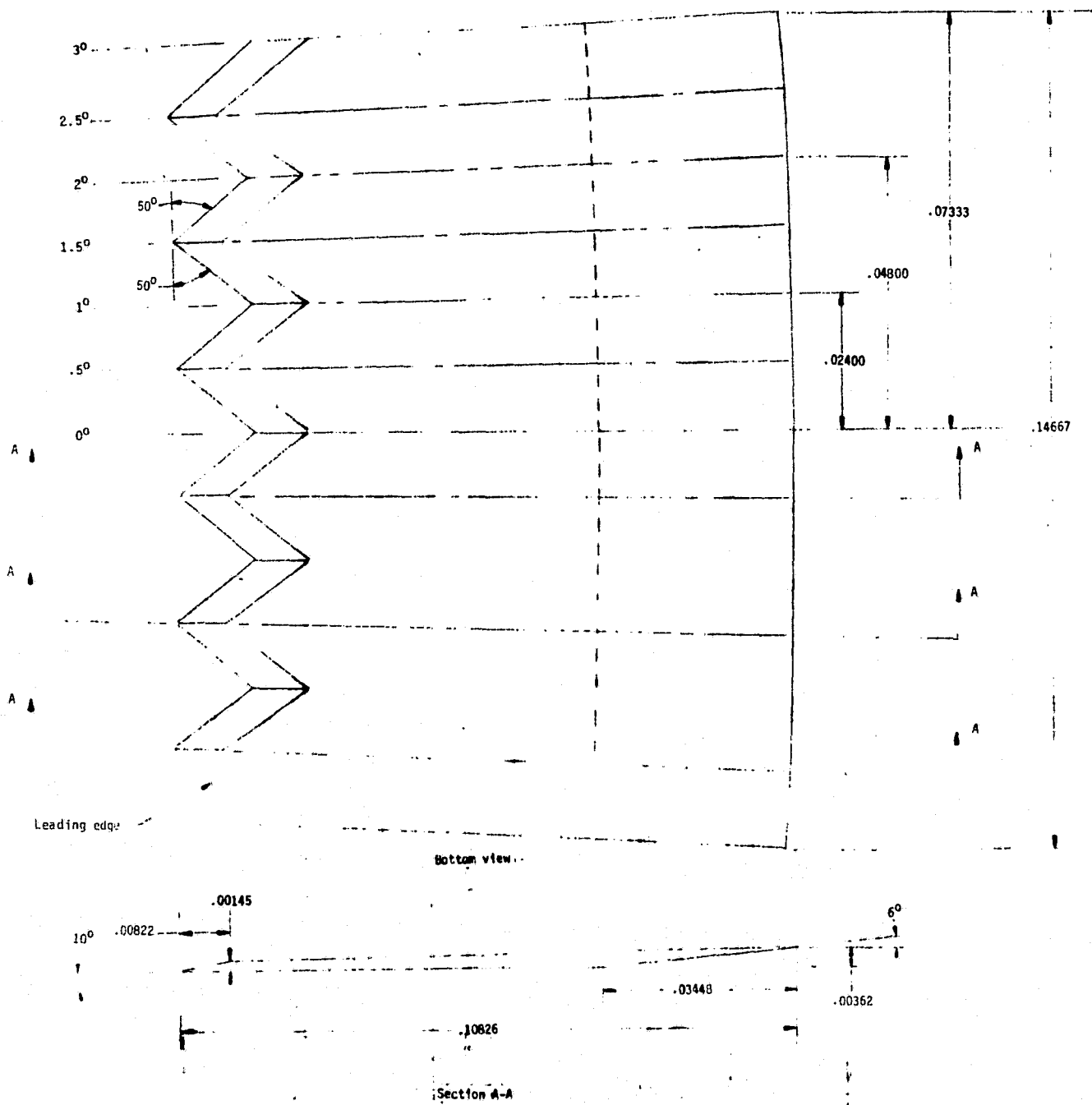
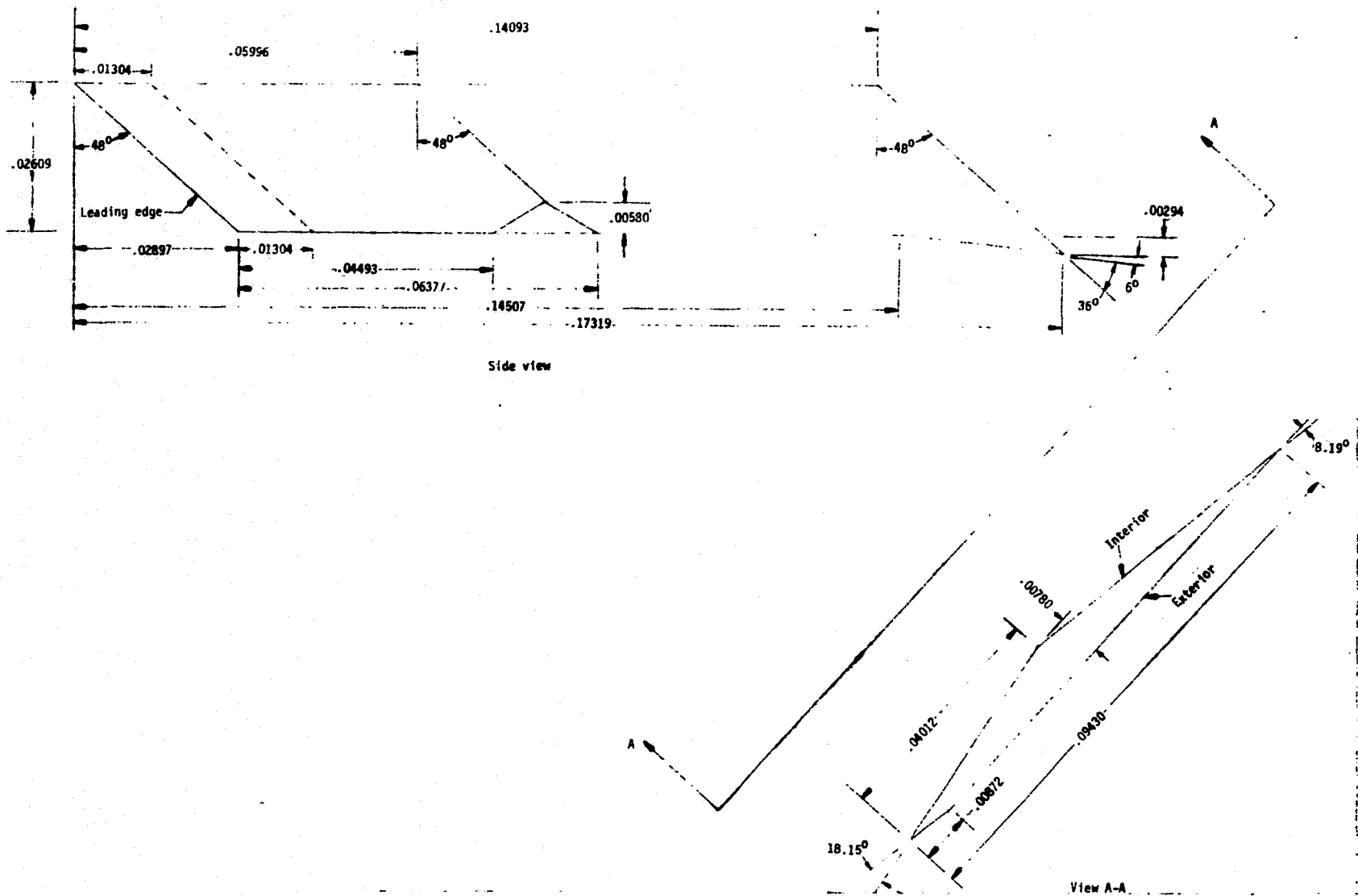


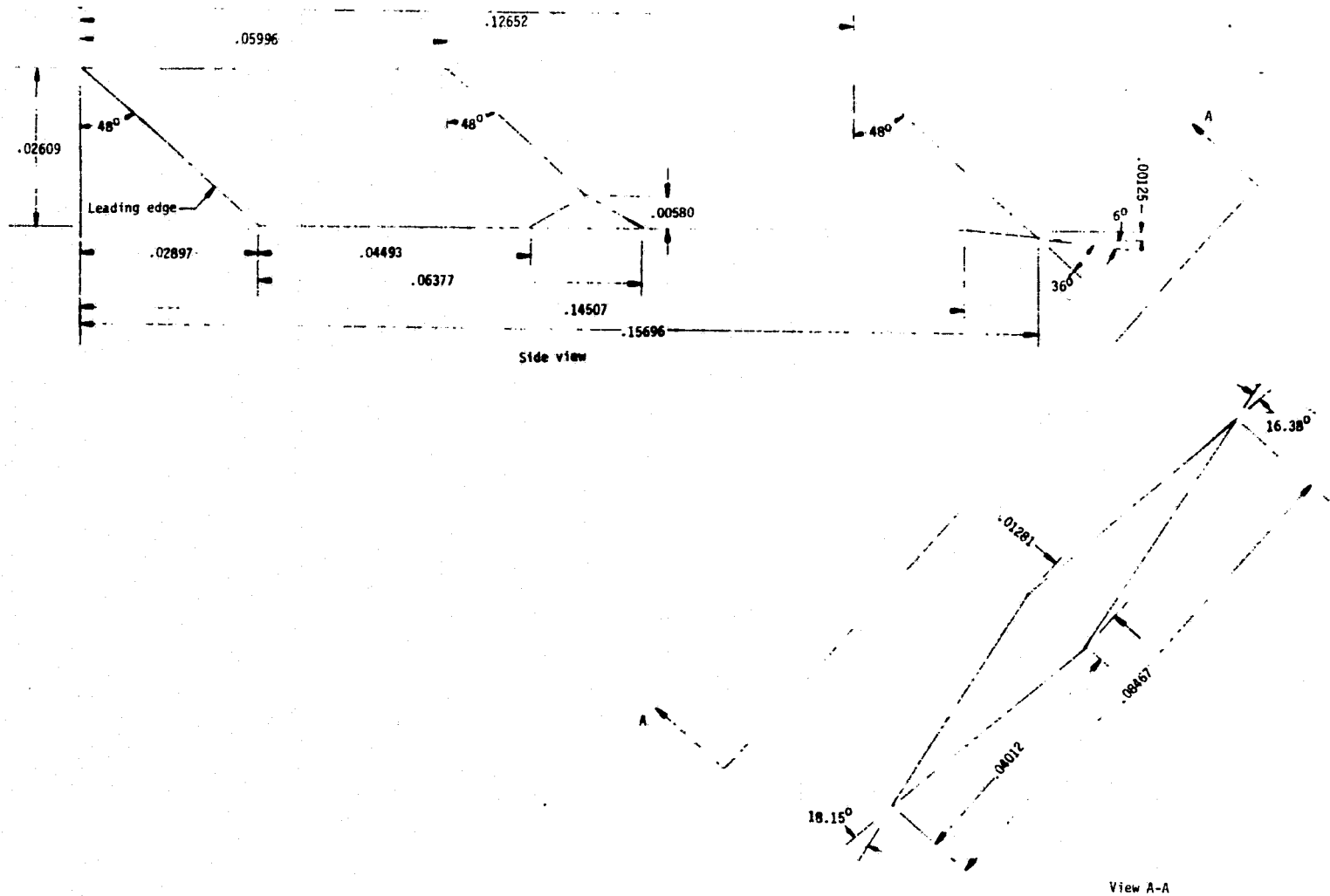
Figure 1.- Continued.



(d) Details of the engine cowl.
Figure 1.- Continued.

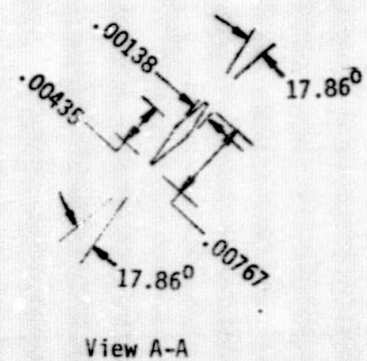
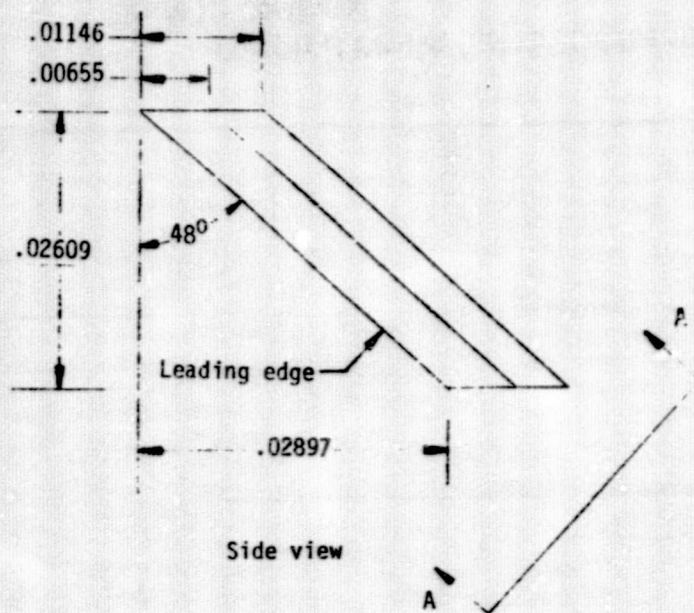


(e) Details of the engine sidewall.
Figure 1.- Continued.

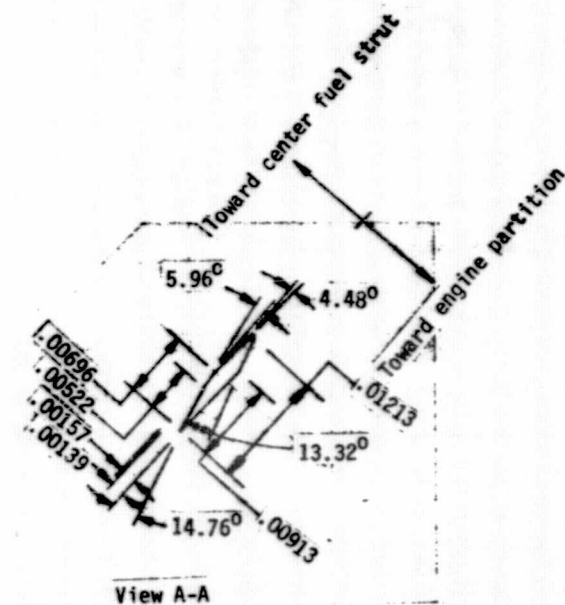
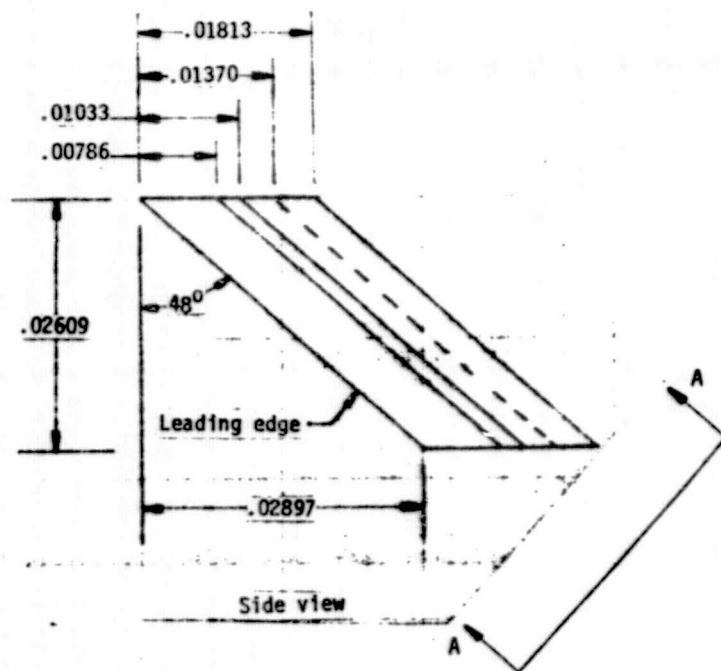


(f) Details of the engine interior partition.
Figure 1.- Continued.

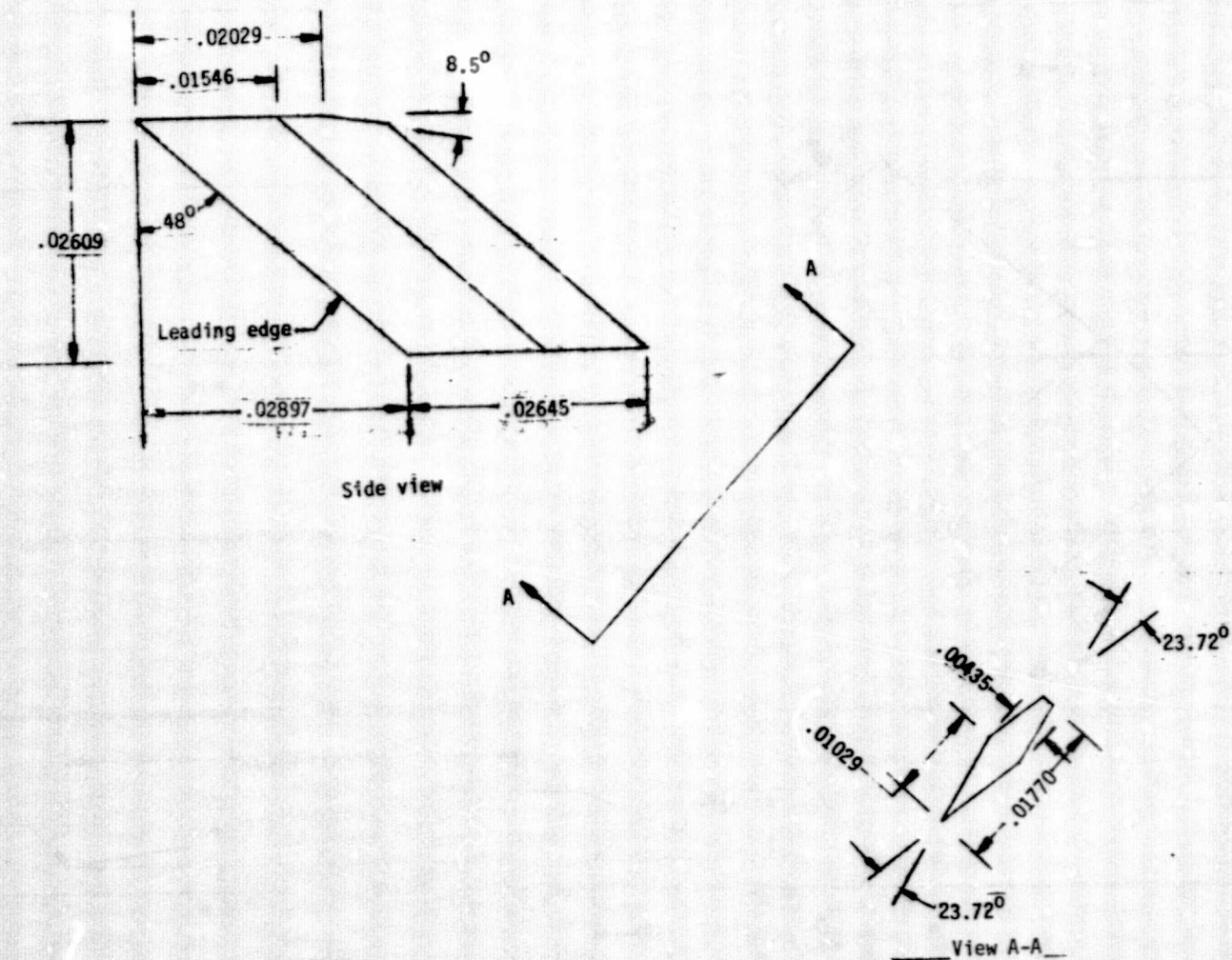
REPRODUCIBILITY OF THIS
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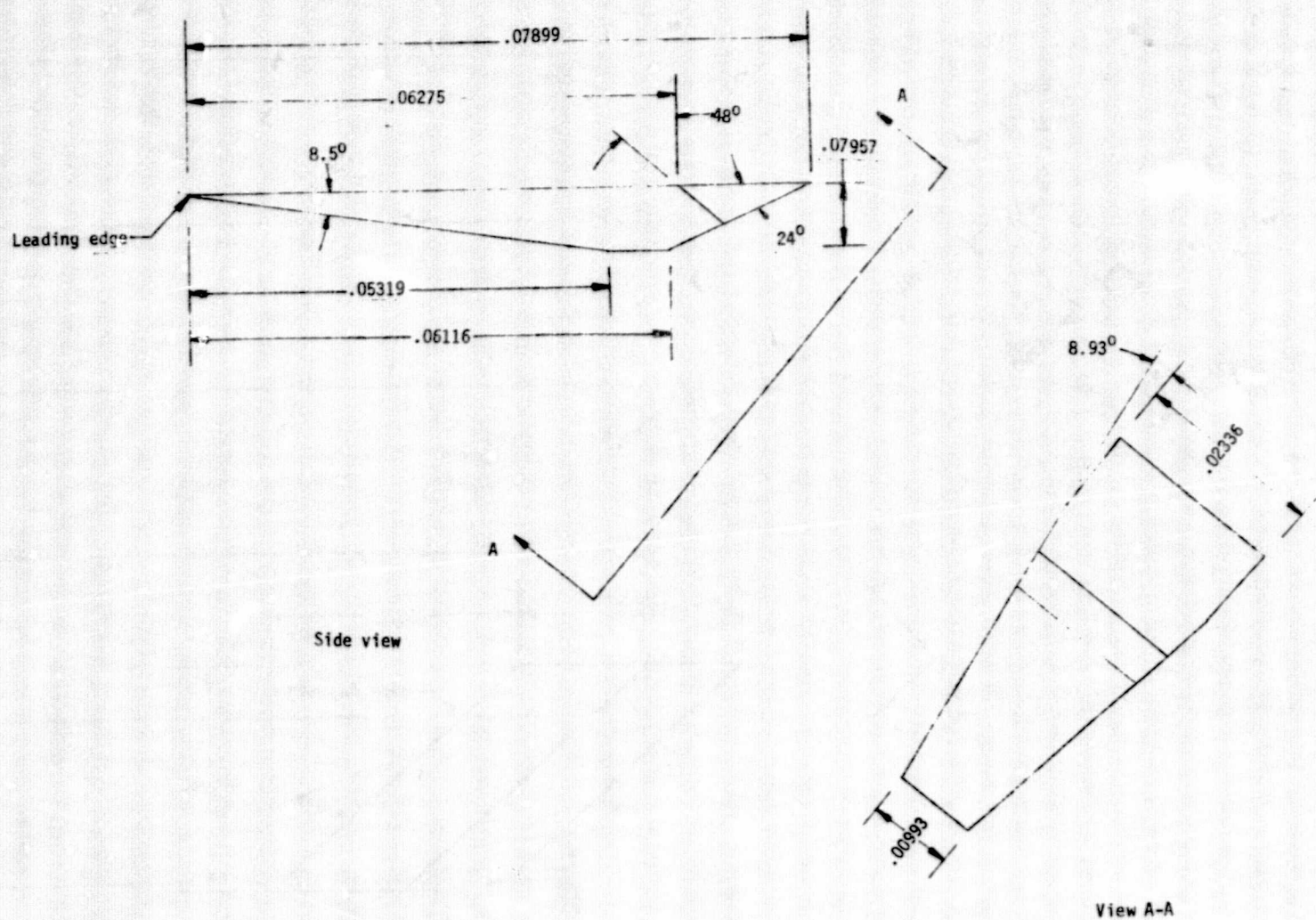
(g) Details of the center fuel strut of the engine triple fuel strut.
Figure 1.- Continued.



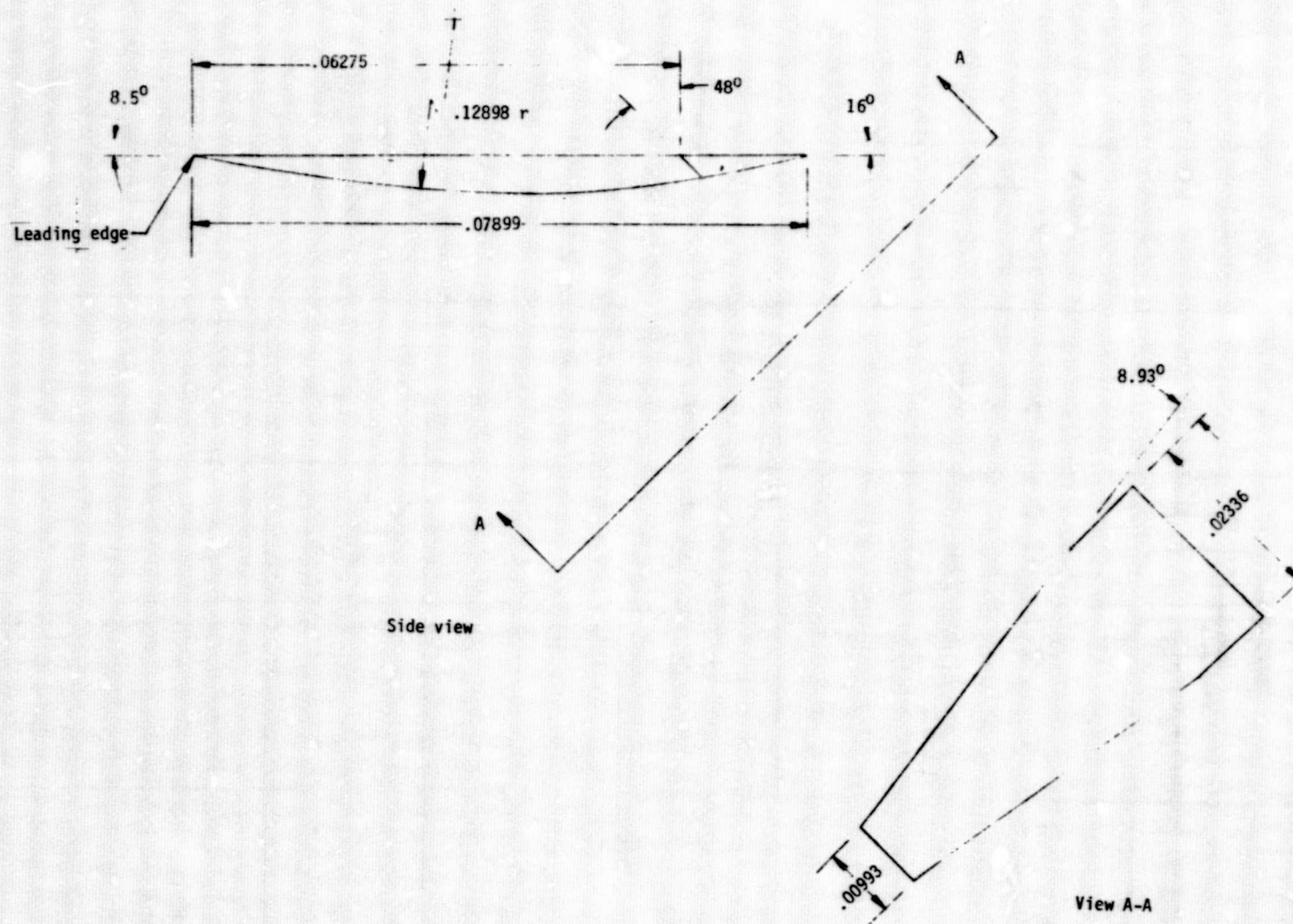
(h) Details of the side fuel strut of the engine triple fuel strut.
Figure 1.- Continued.



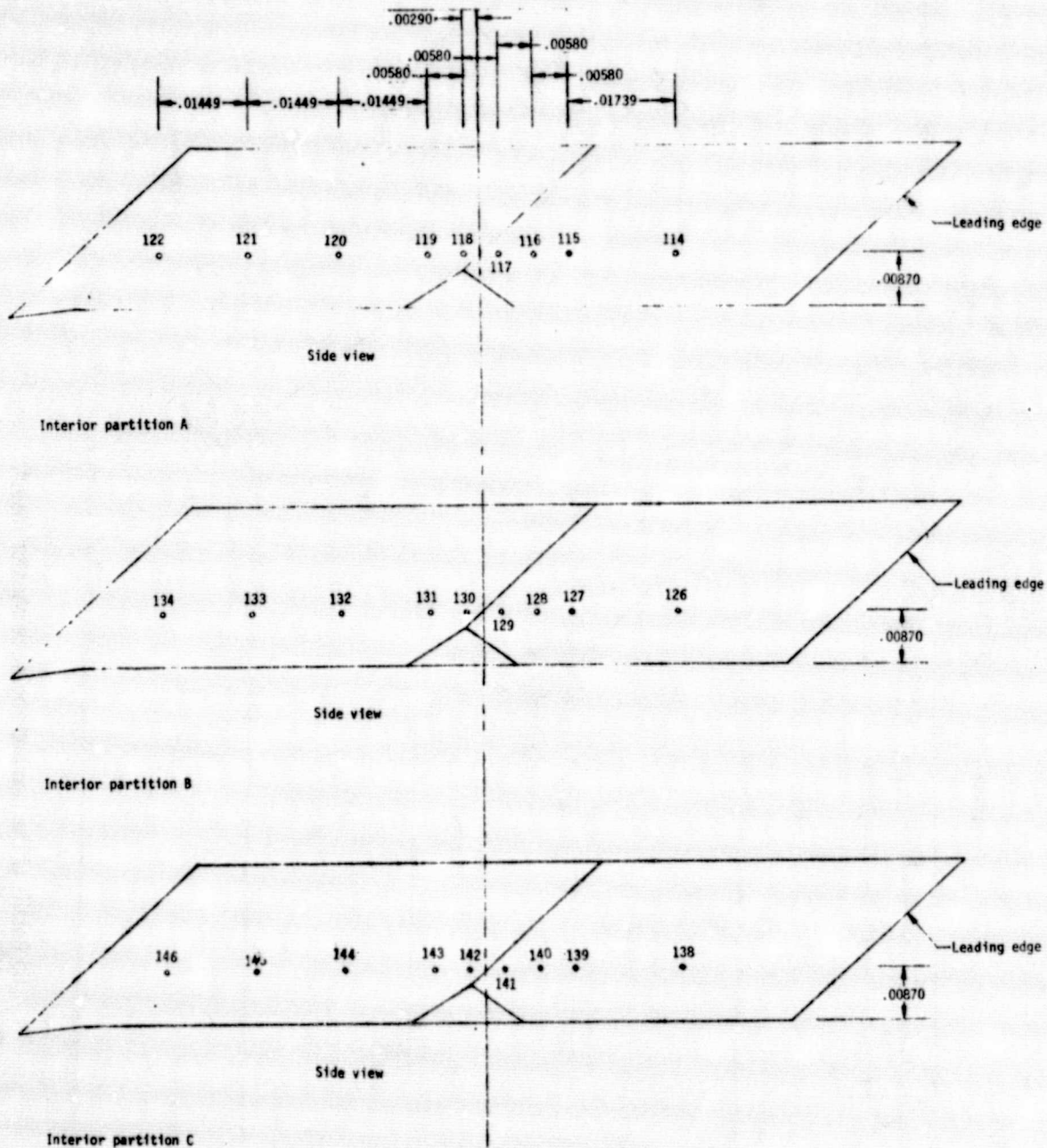
(i) Details of the engine single fuel strut.
Figure 1.- Continued.



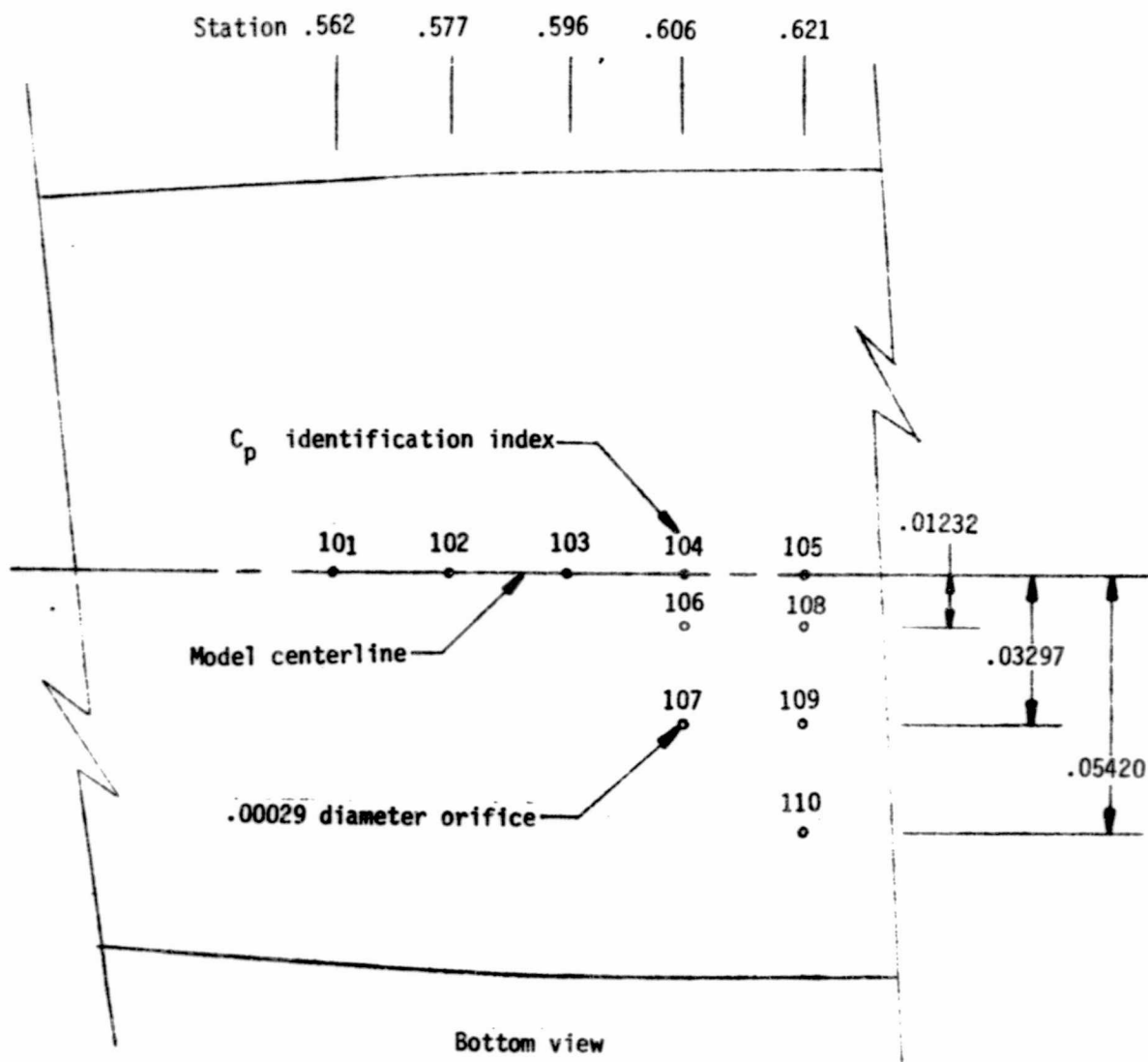
(j) Details of the baseline engine combustor insert.
Figure 1.- Continued.



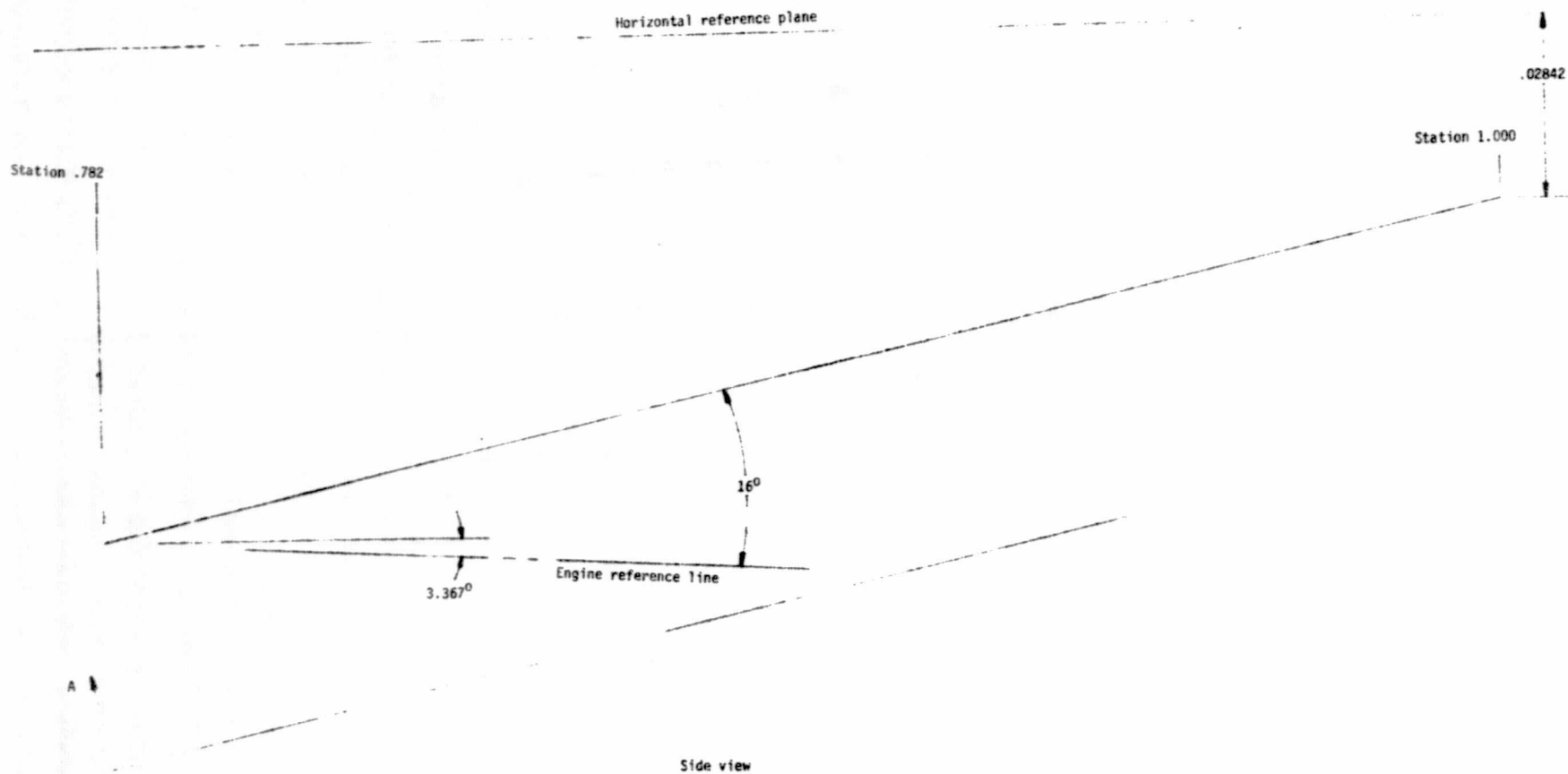
(k) Details of the modified engine combustor insert.
Figure 1.- Continued.



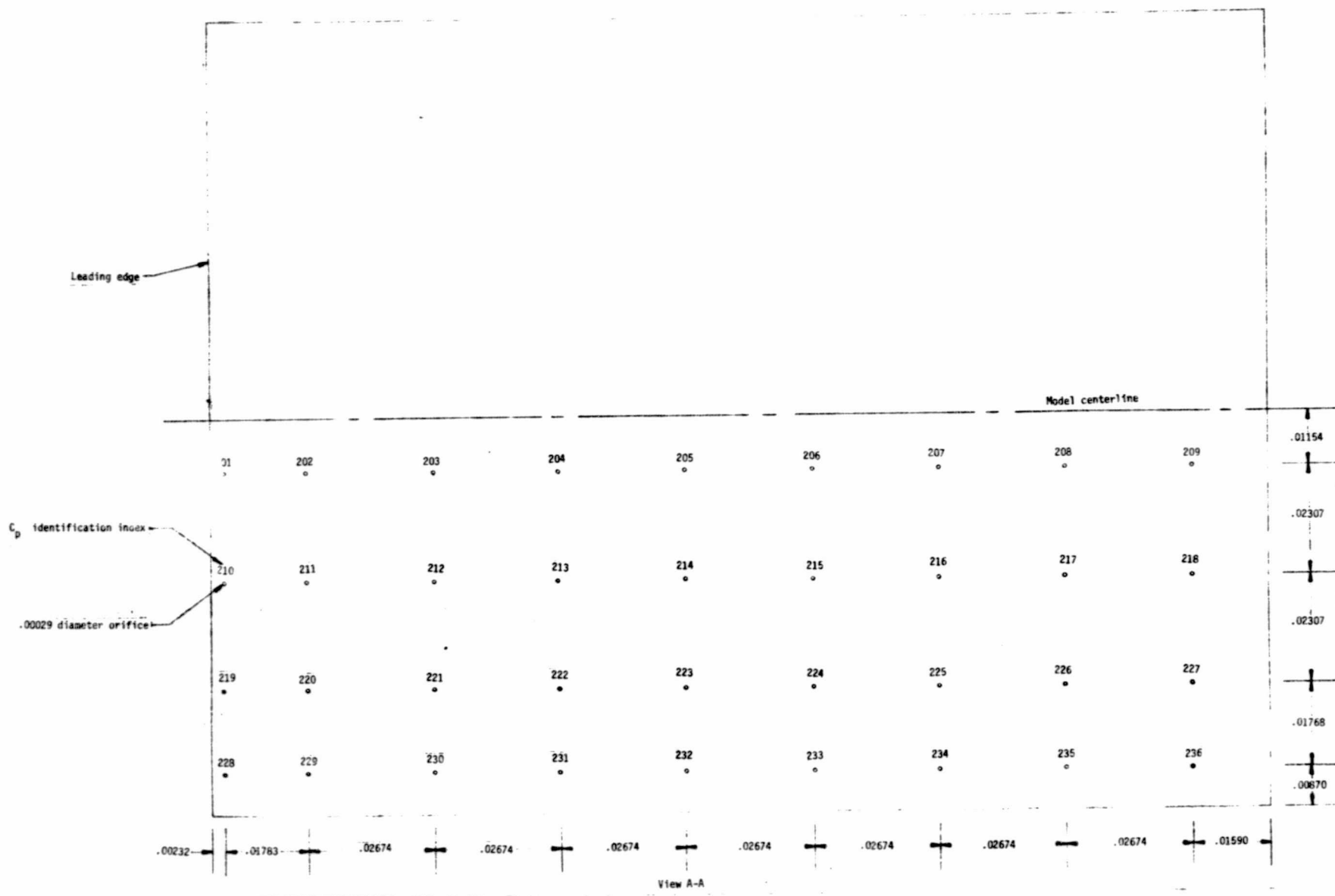
(1) Details of the engine interior partition pressure orifice locations.
Figure 1.- Continued.



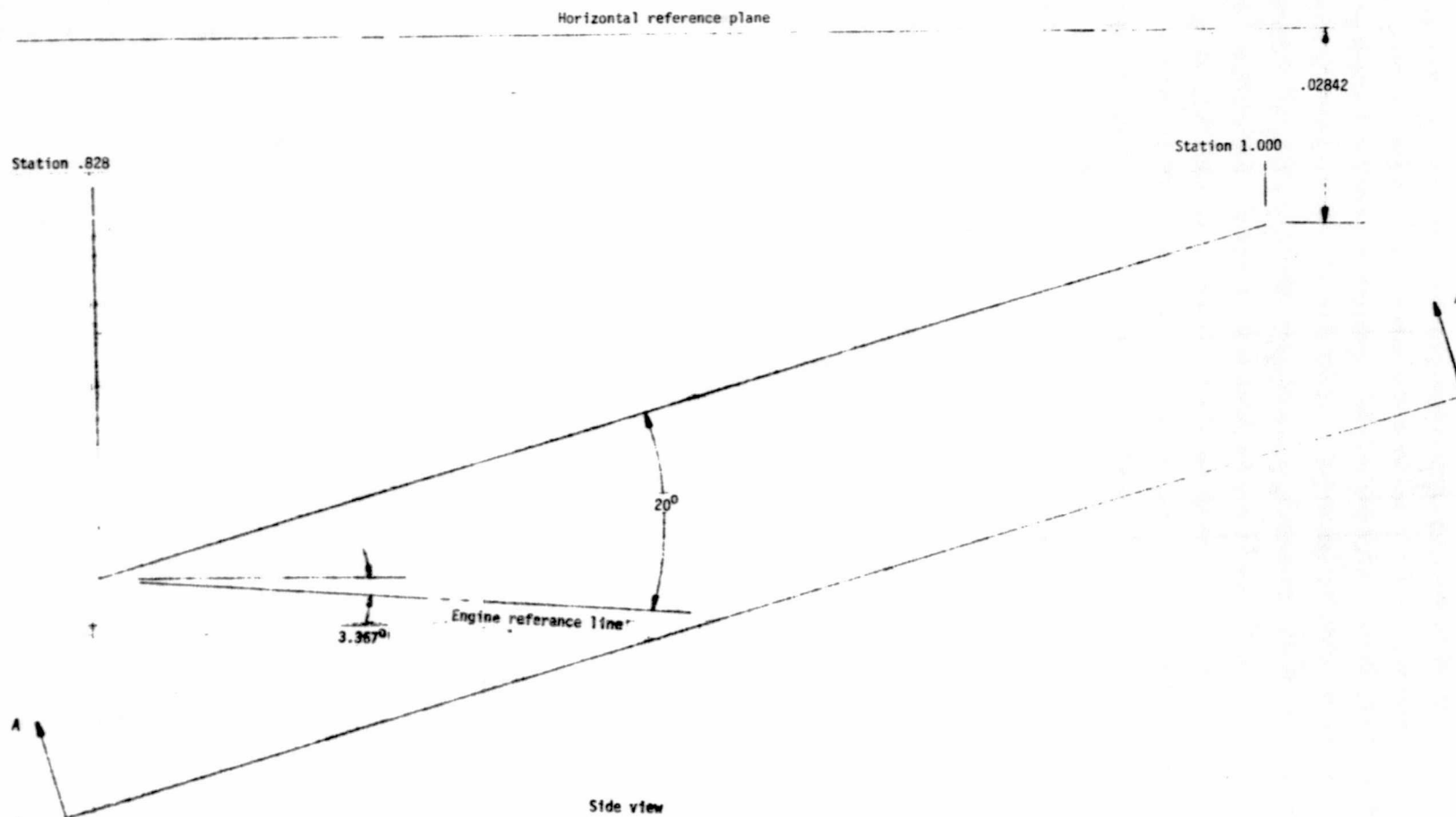
(m) Details of the body pressure orifice locations.
Figure 1.- Continued.



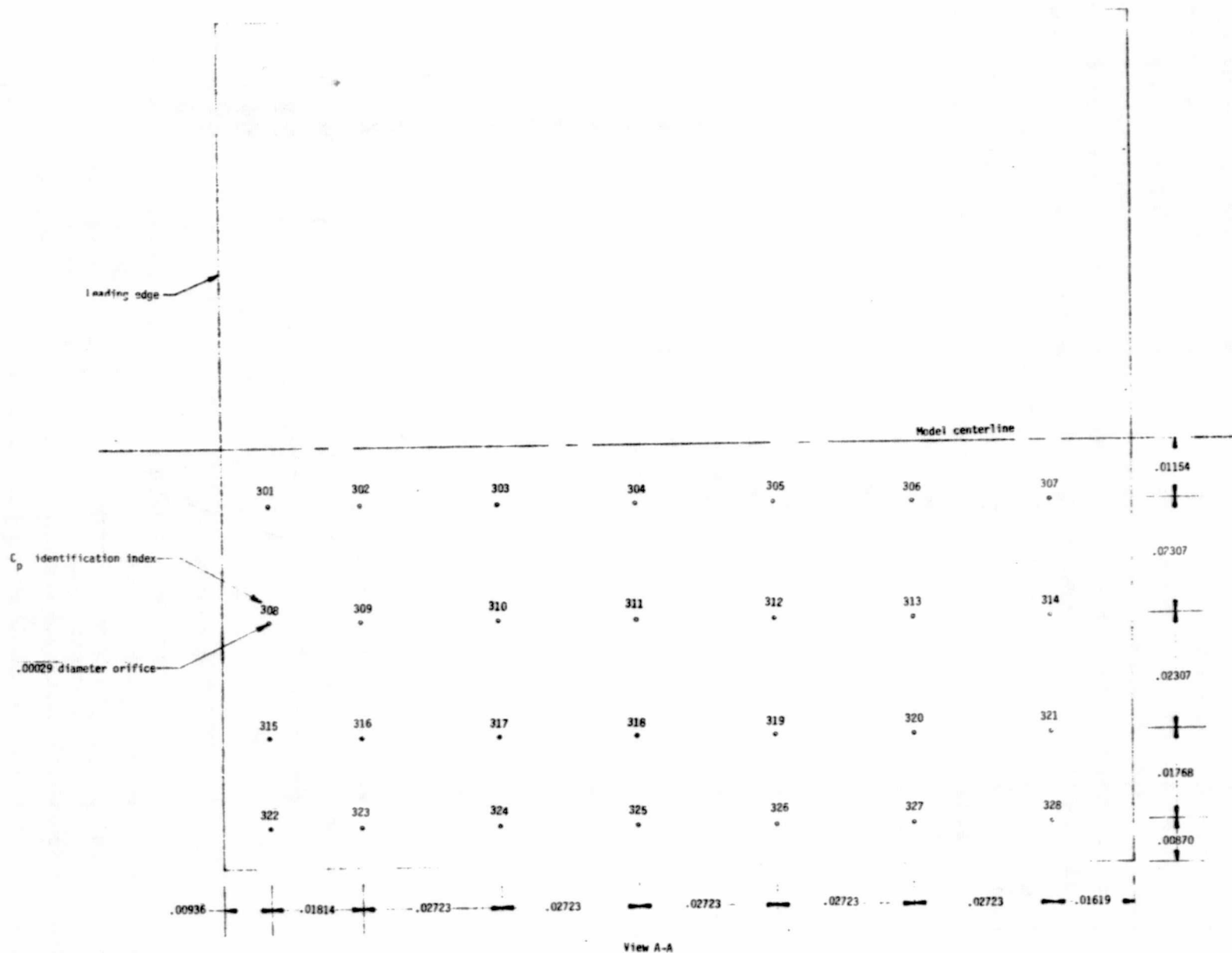
(n) Details of the 16° exhaust ramp including pressure orifice locations.
Figure 1.- Continued.

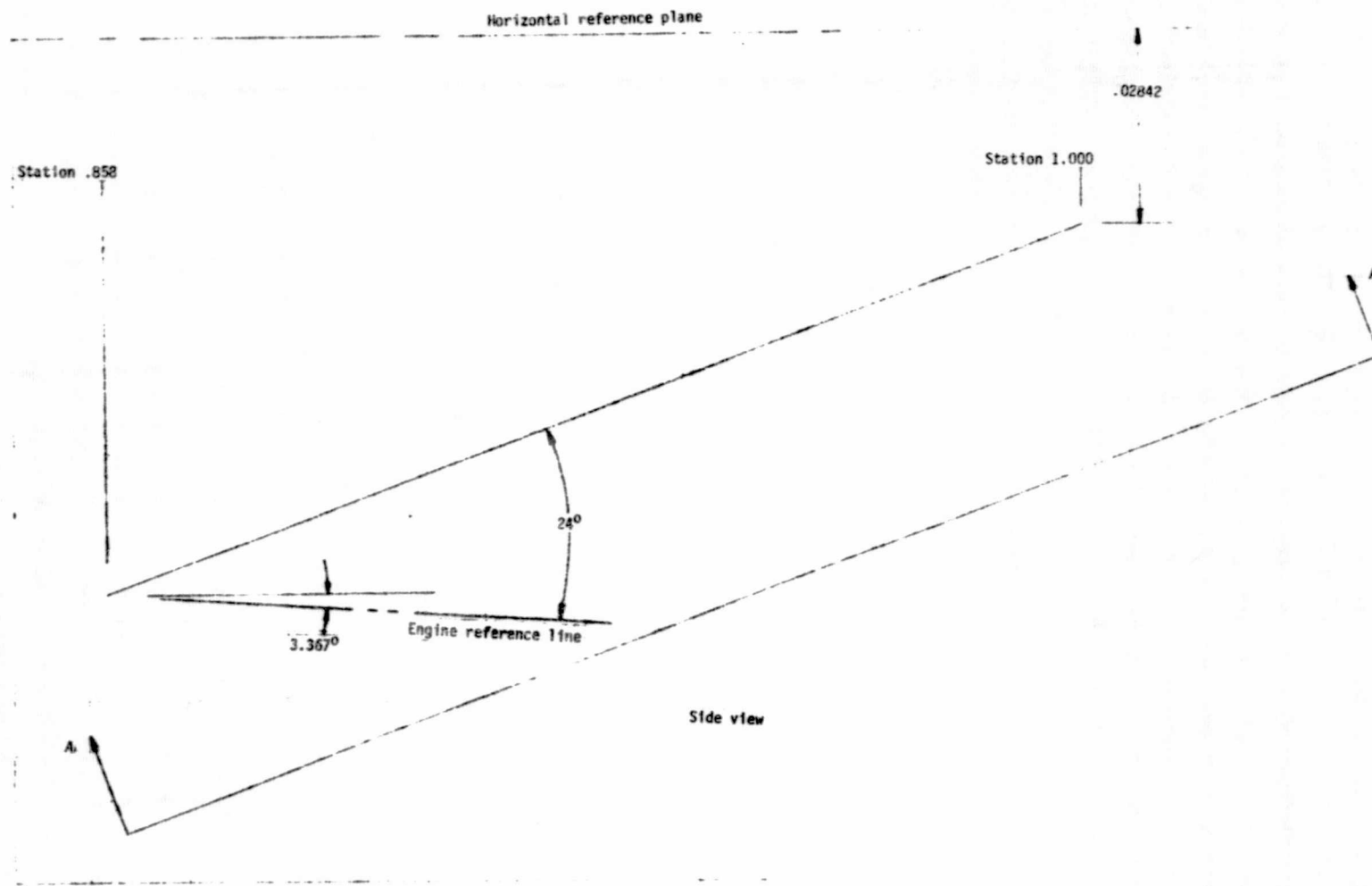


(n) Concluded.
Figure 1, - Continued.

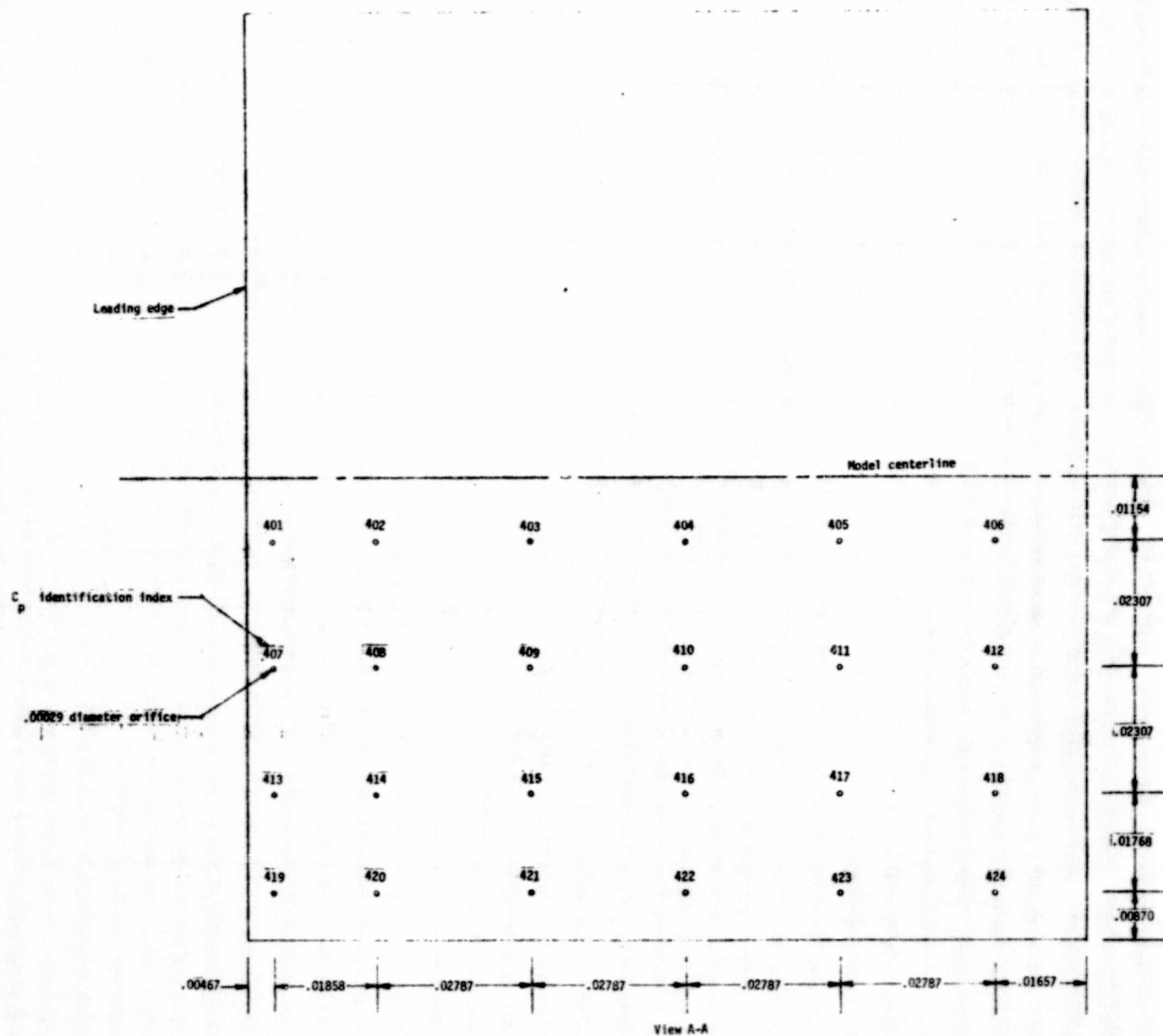


(c) Details of the 20° exhaust ramp including pressure orifice locations.
Figure 1.- Continued.

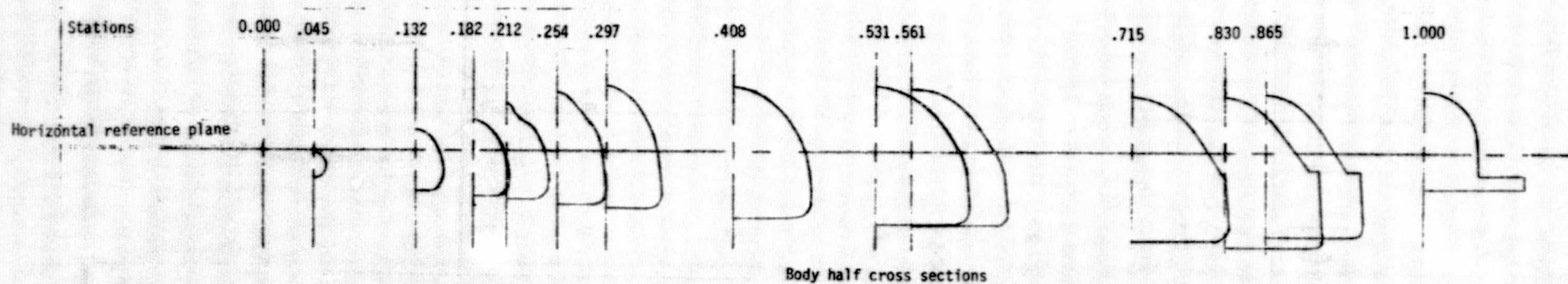




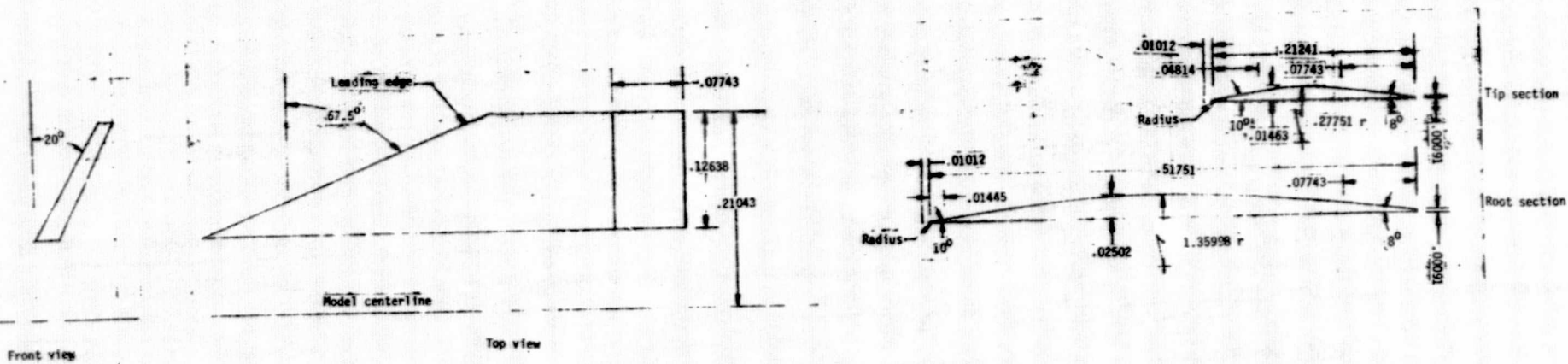
(p) Details of the 24° exhaust ramp including pressure orifice locations.
Figure 1.- Continued.



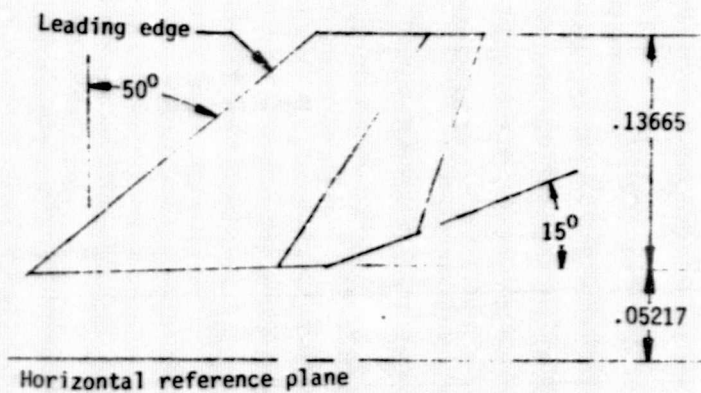
(p) Concluded.
Figure 1.- Continued.



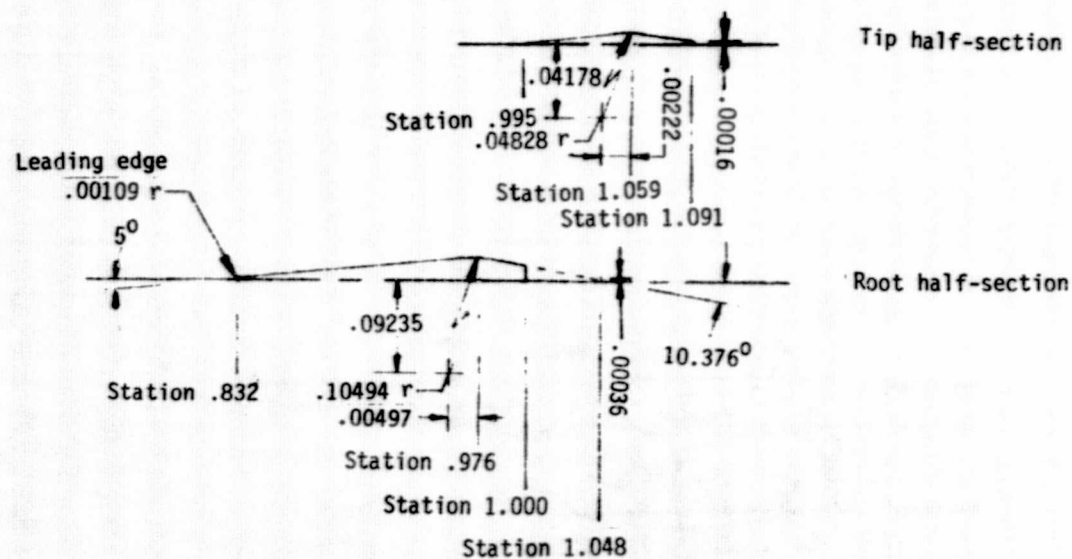
(q) Details of the body.
Figure 1.- Continued.



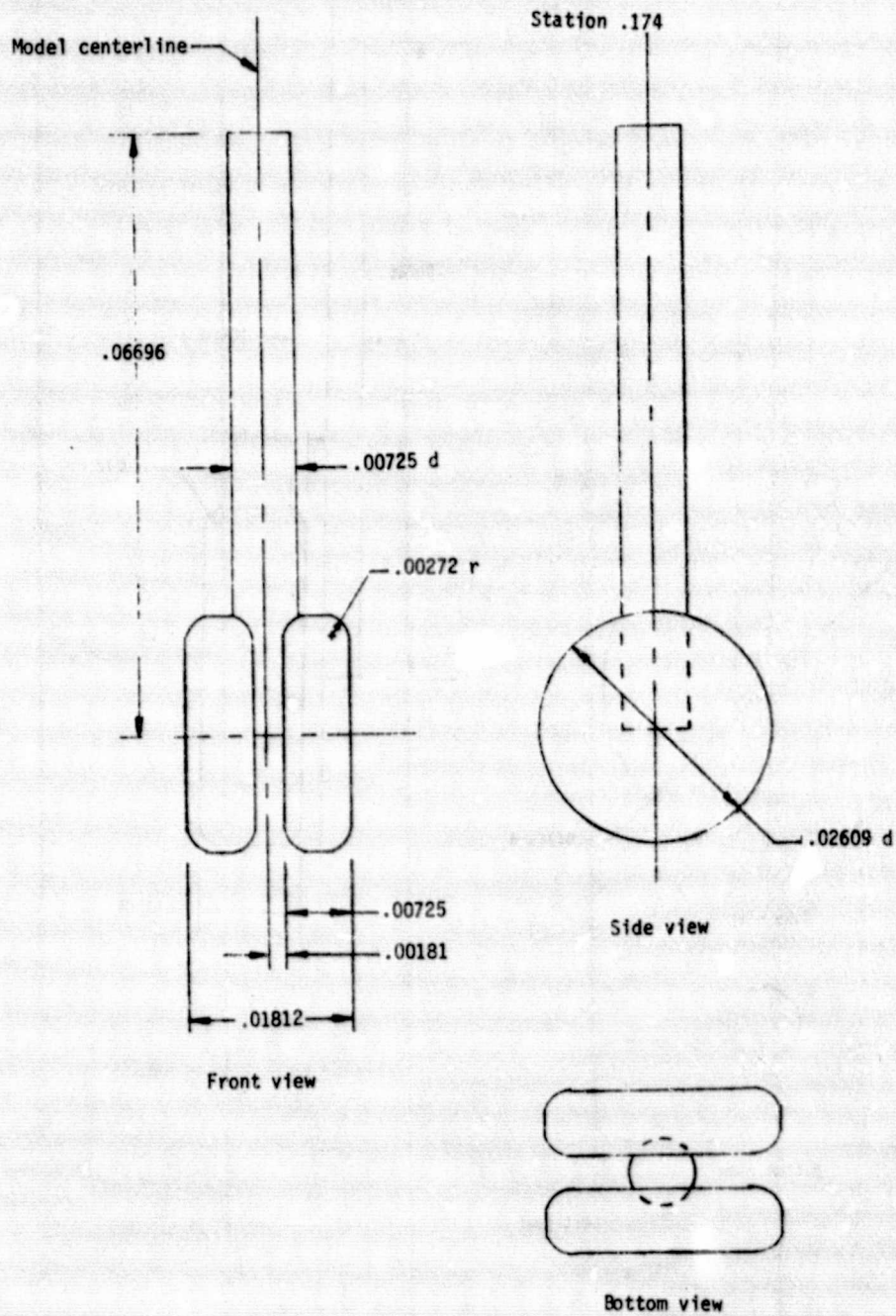
(r) Details of the wing.
Figure 1.- Continued.



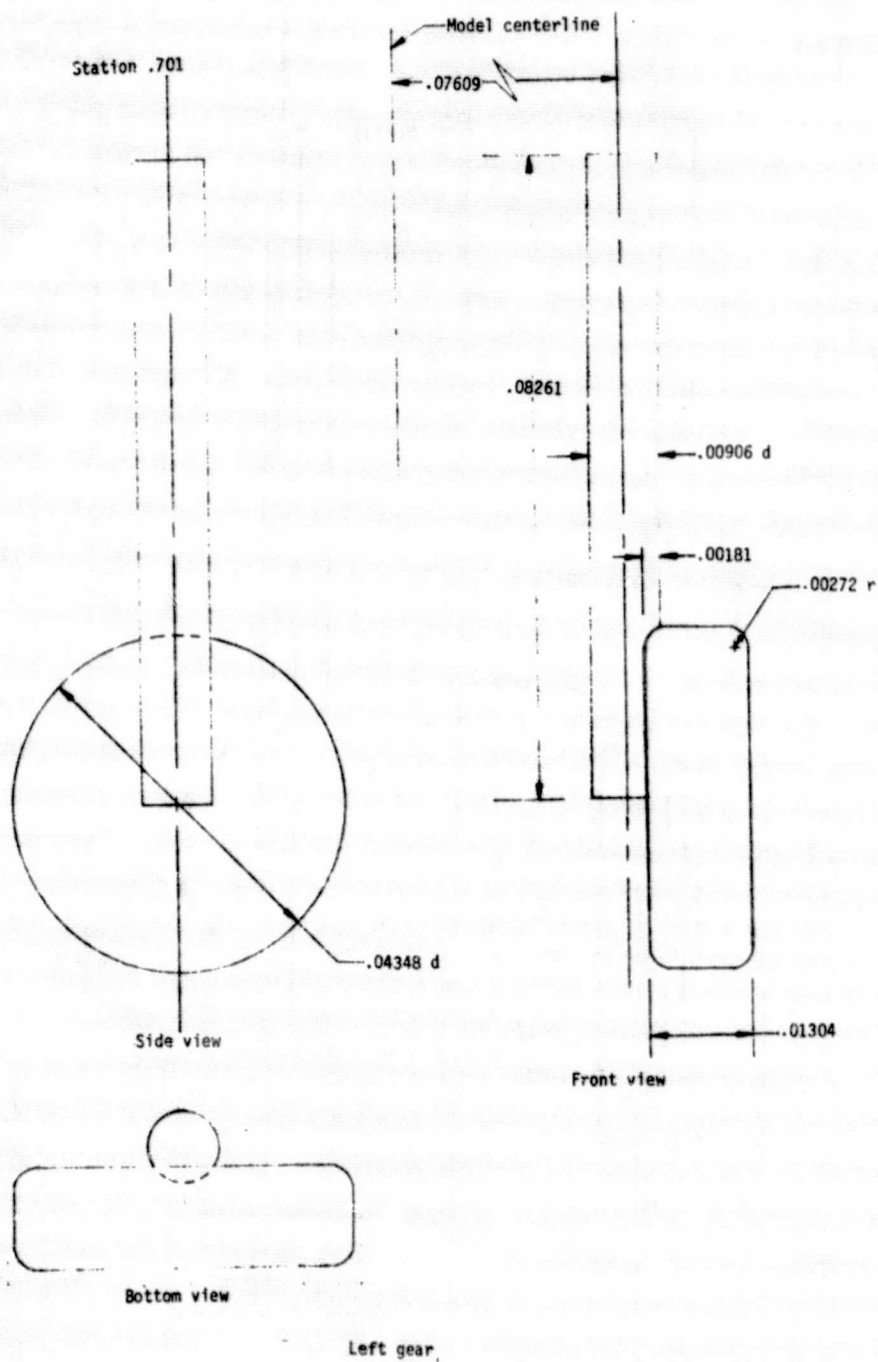
Side view



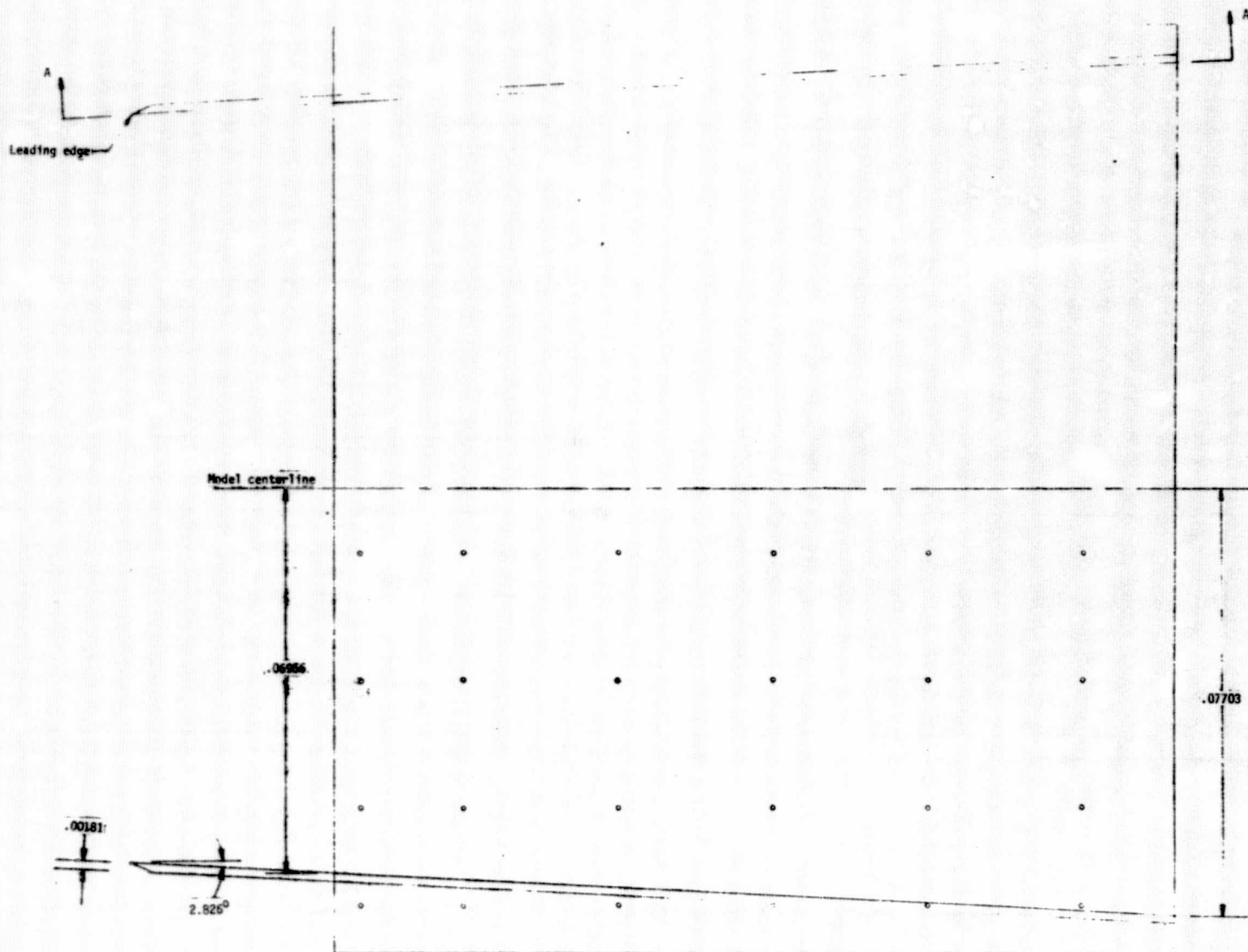
(s) Details of the vertical tail.
Figure 1.- Continued.



(t) Details of the nose landing gear.
Figure 1.- Continued.

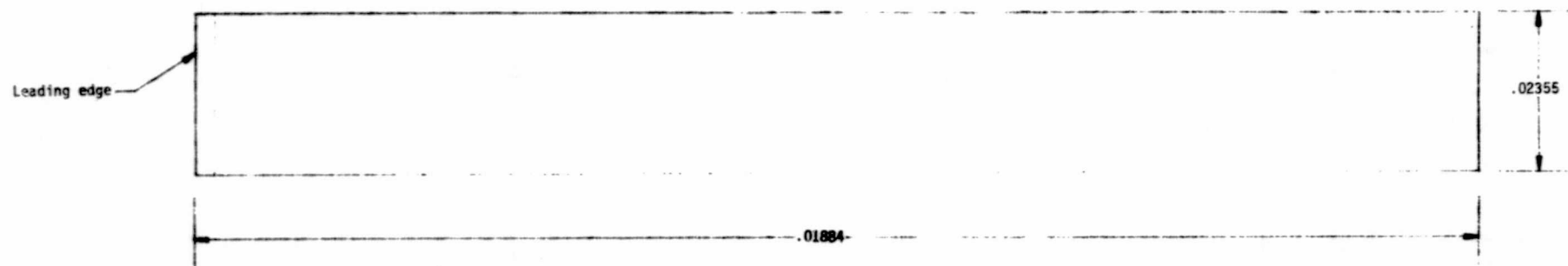


(u) Details of the main landing gear.
Figure 1. - Continued.



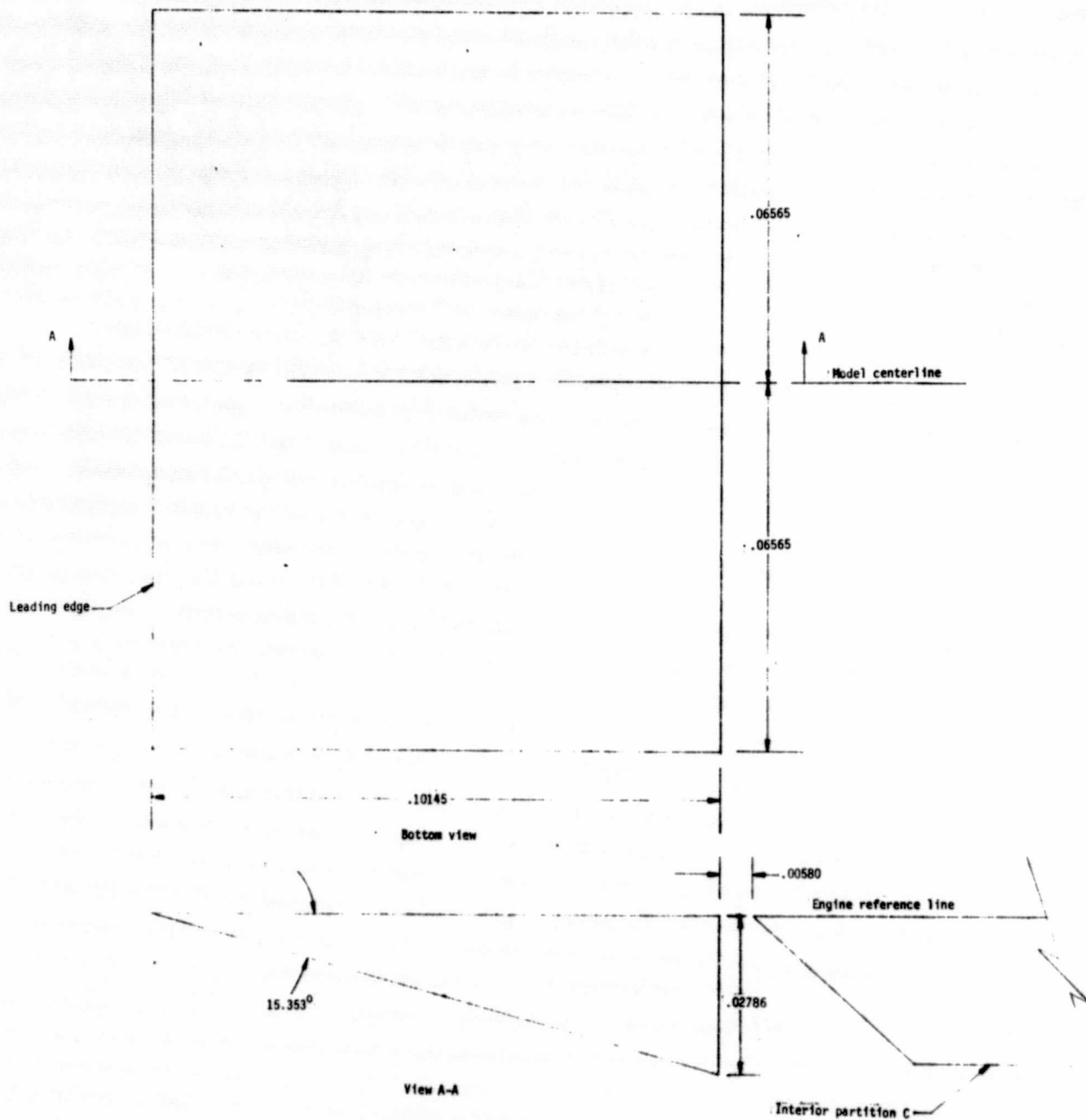
View A-A of Figure 1 (p)

(v) Details of the 24° exhaust ramp fence.
Figure 1. - Continued.

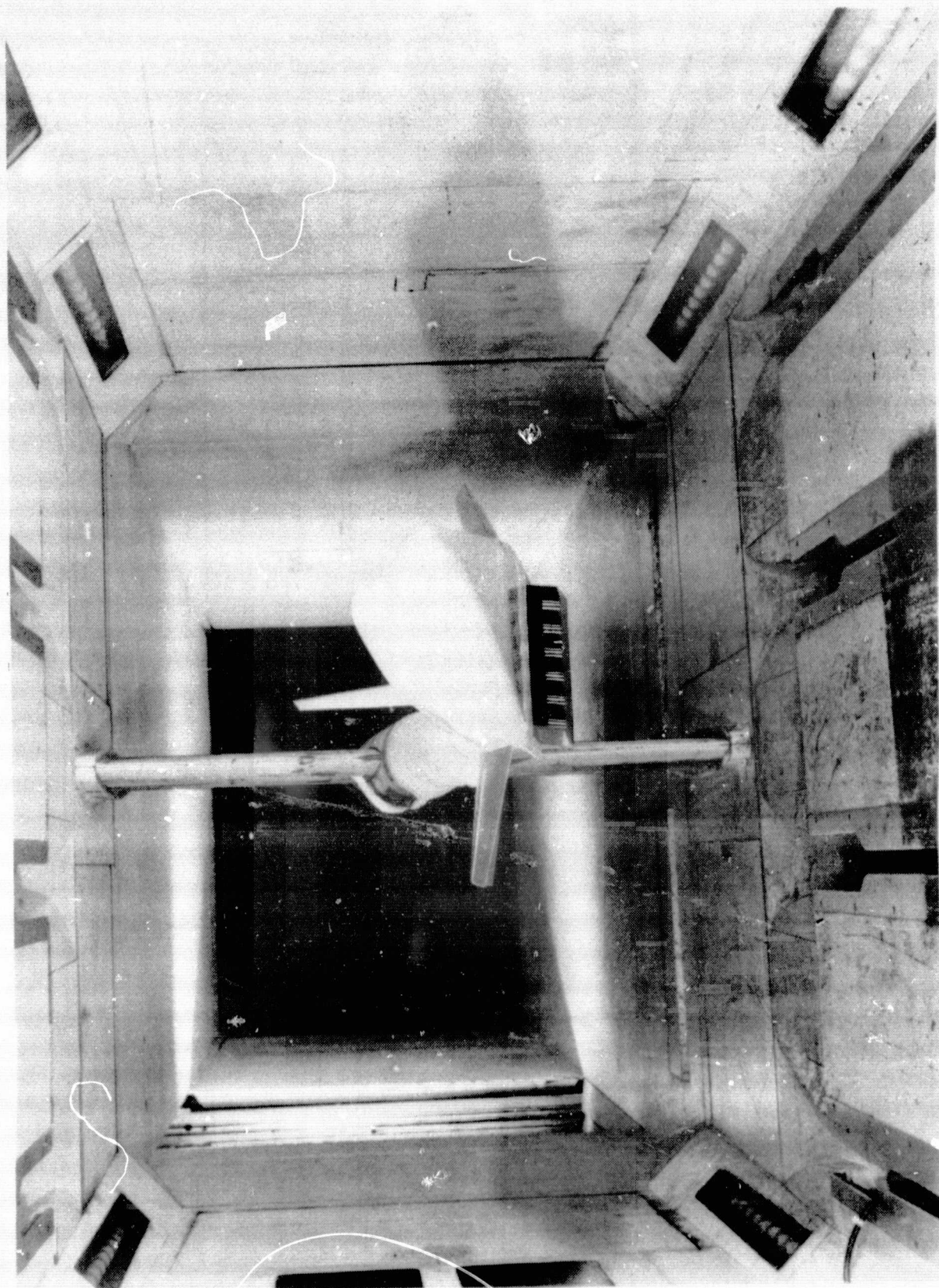


View A-A

(v) Concluded.
Figure 1.-Continued.



(w) Details of the inlet ramp.
Figure 1.- Concluded.



(a) Three-quarter front view.

Figure 2. Photographs of the model tested installed in the 7- 10-foot high speed tunnel.



(b) Three-quarter rear view.
Figure 2. Concluded.

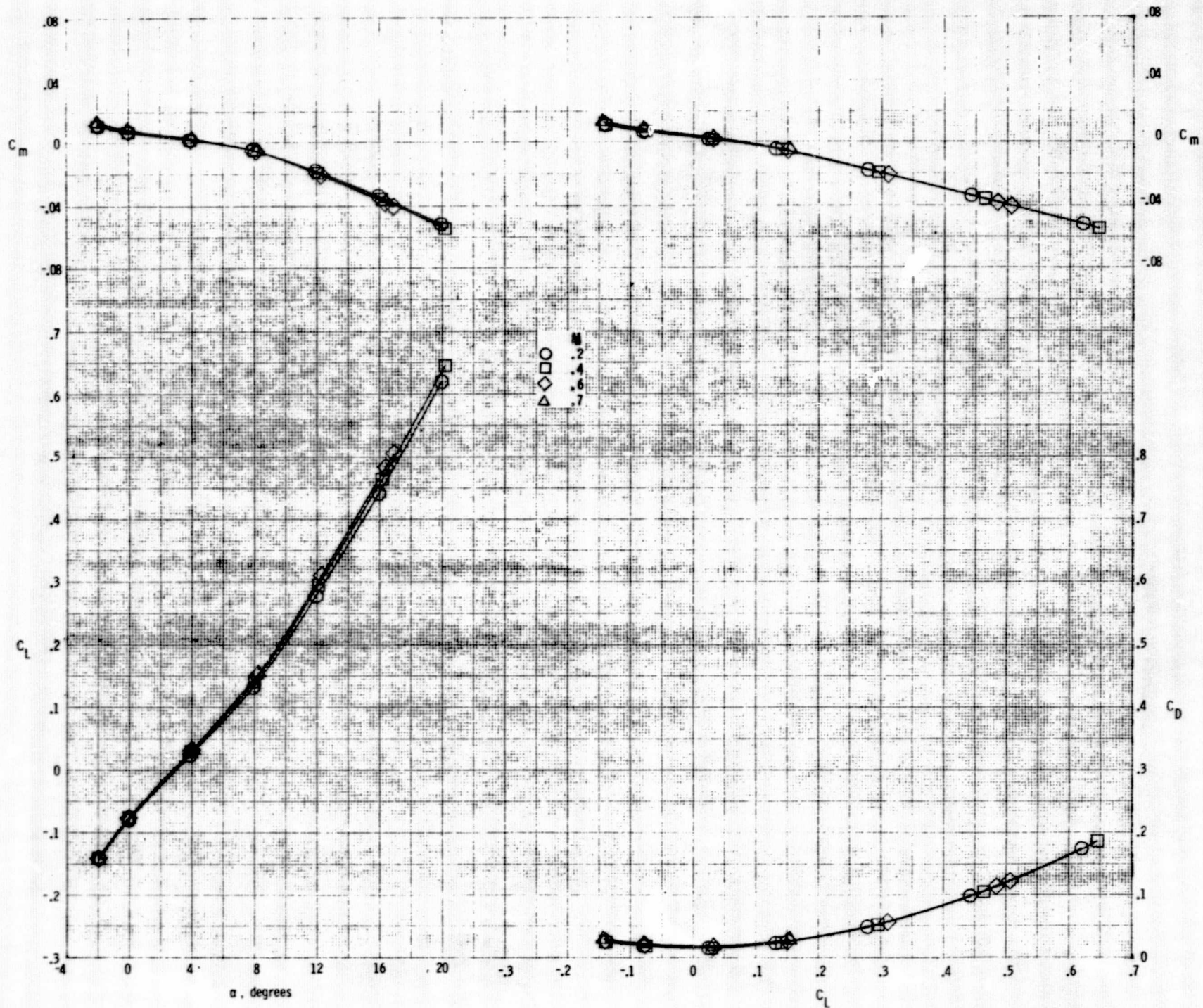
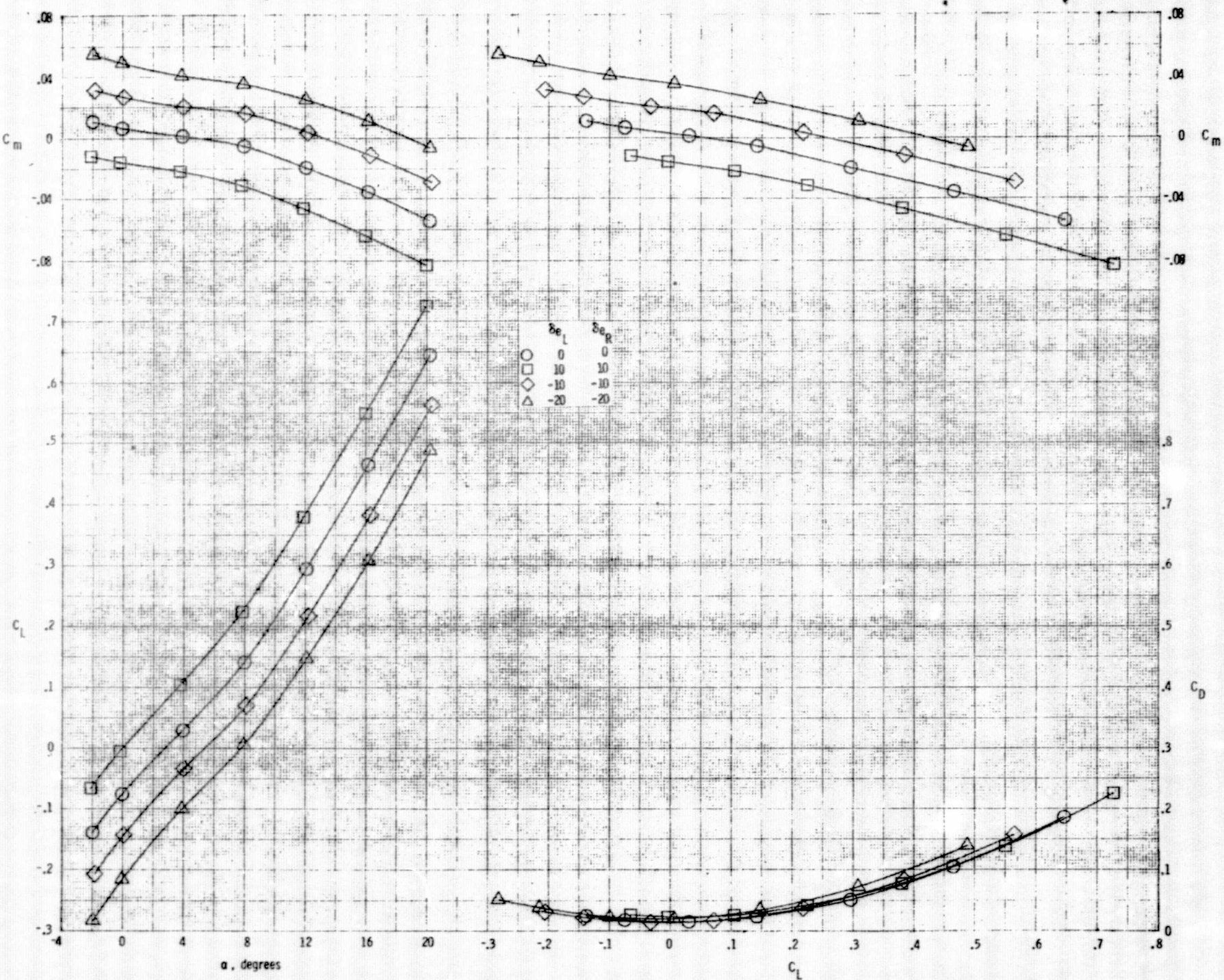
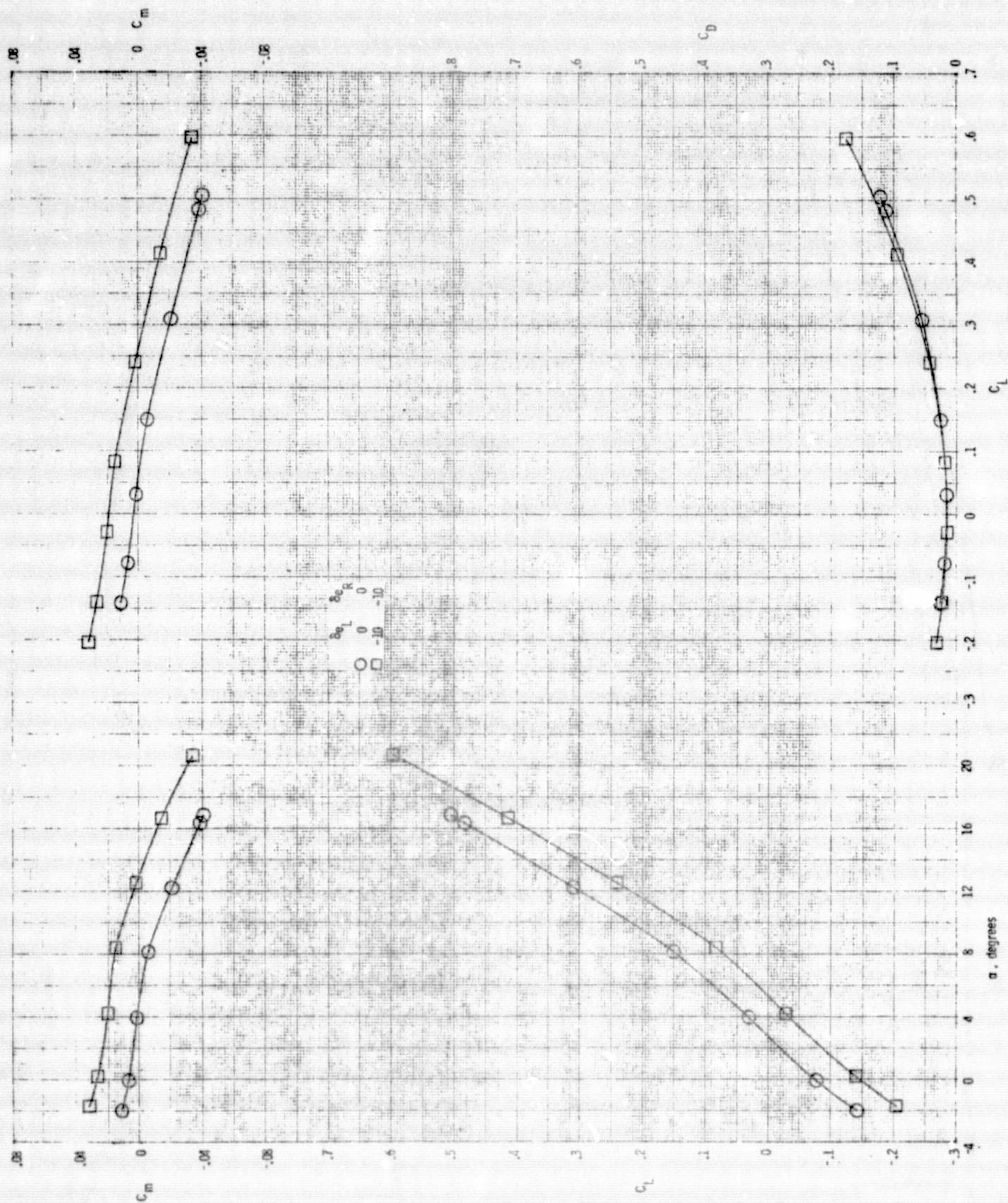


Figure 3. - Effect of Mach number on longitudinal aerodynamic characteristics of configuration $B_{z\theta}$, $\delta_{eL} = 0^\circ$, $\delta_{eR} = 0^\circ$.

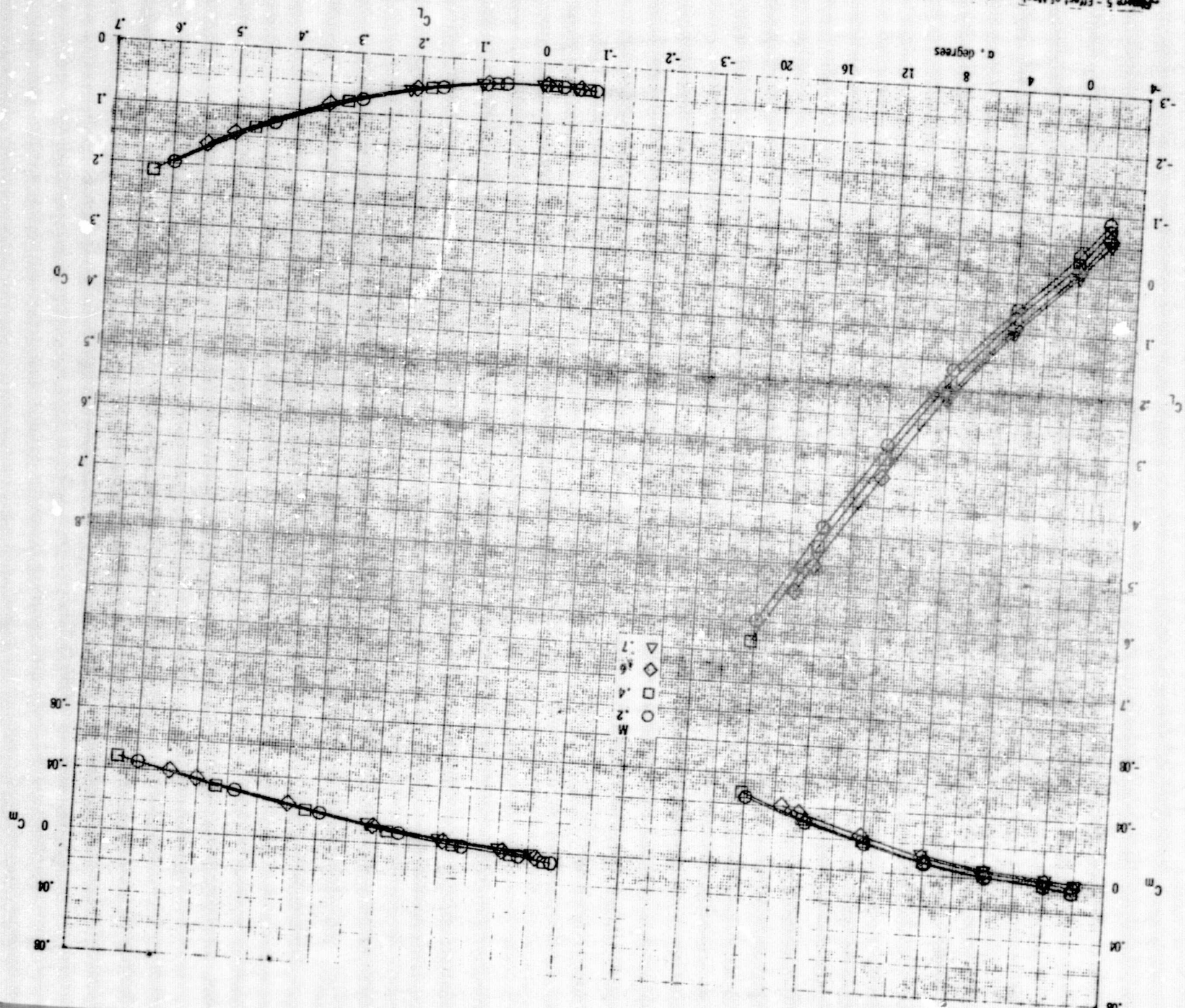


(a) $M = 0.4$
Figure 4. - Effect of elevons on longitudinal aerodynamic characteristics of configuration B₂B₂

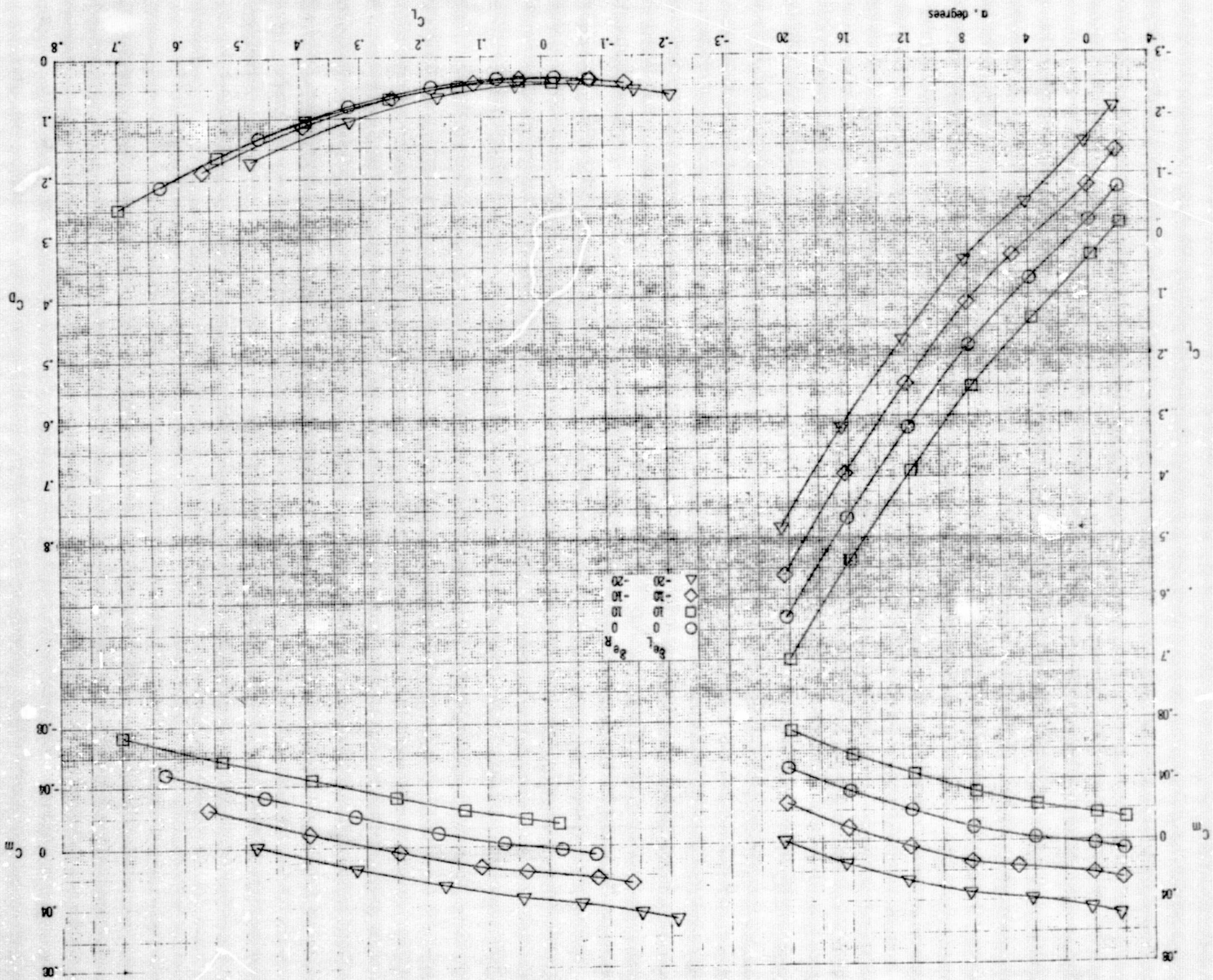


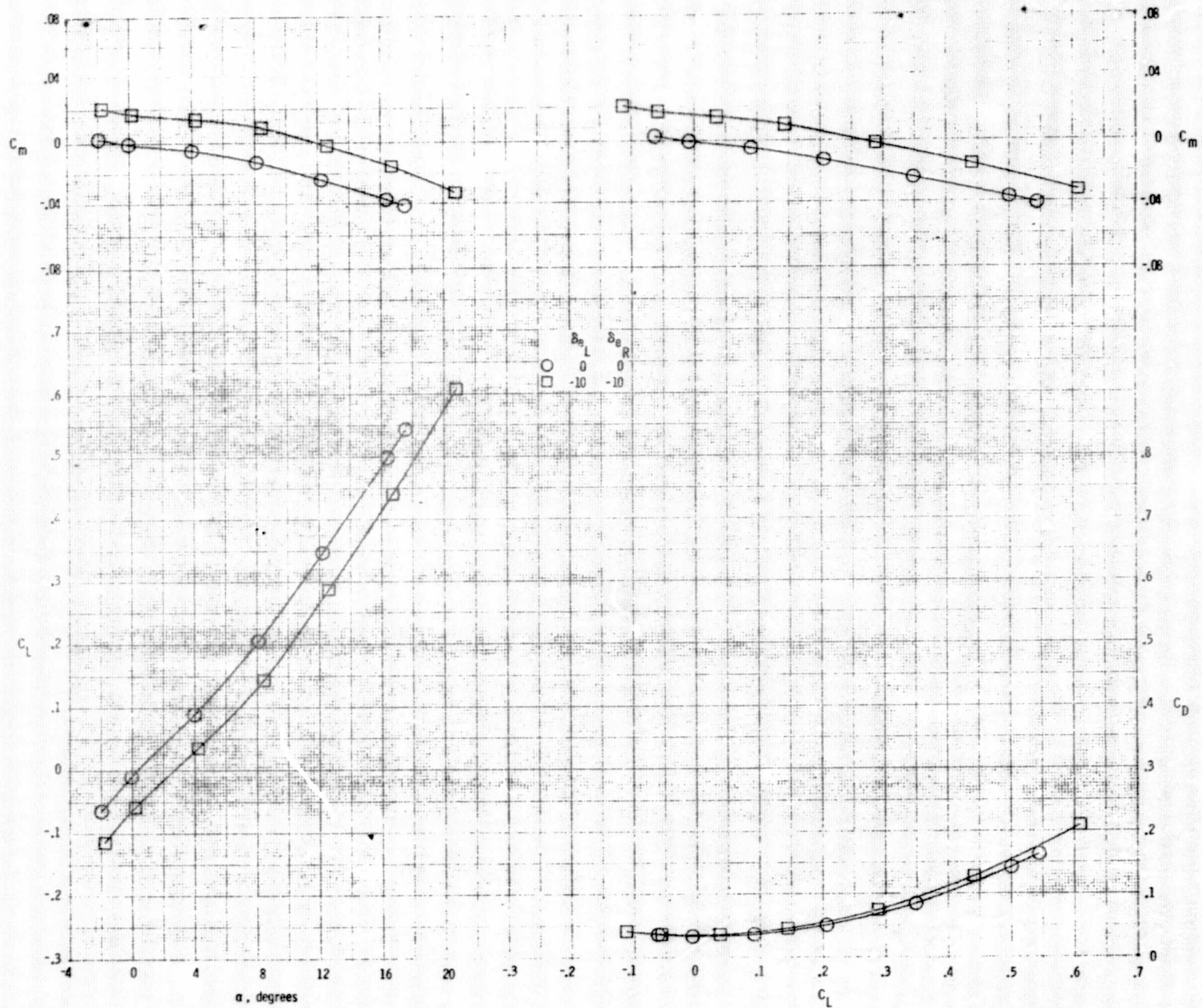
(b) $M = 0.5$
Figure 4. - Concluded

Figure 5. - Effect of Mach number on longitudinal aerodynamic characteristics of configuration B3X33C23F. $\delta_L = 0^\circ$, $\delta_R = 0^\circ$.



(a) $M = 0.4$
 Figure 6. - Effect of elevons on longitudinal aerodynamic characteristics of configuration B3X33C23.





(b) $M = 0.6$
Figure 6. - Concluded.

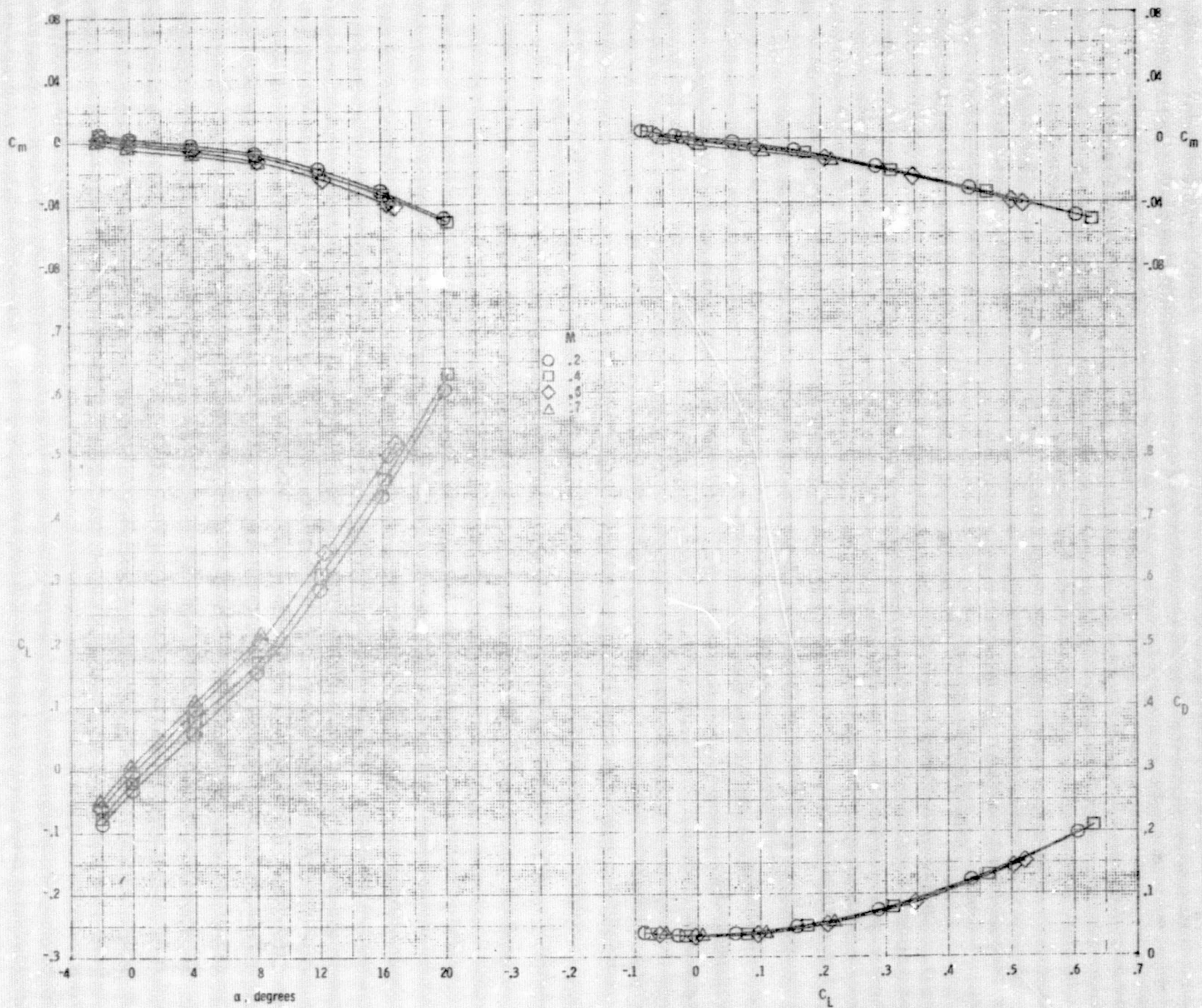
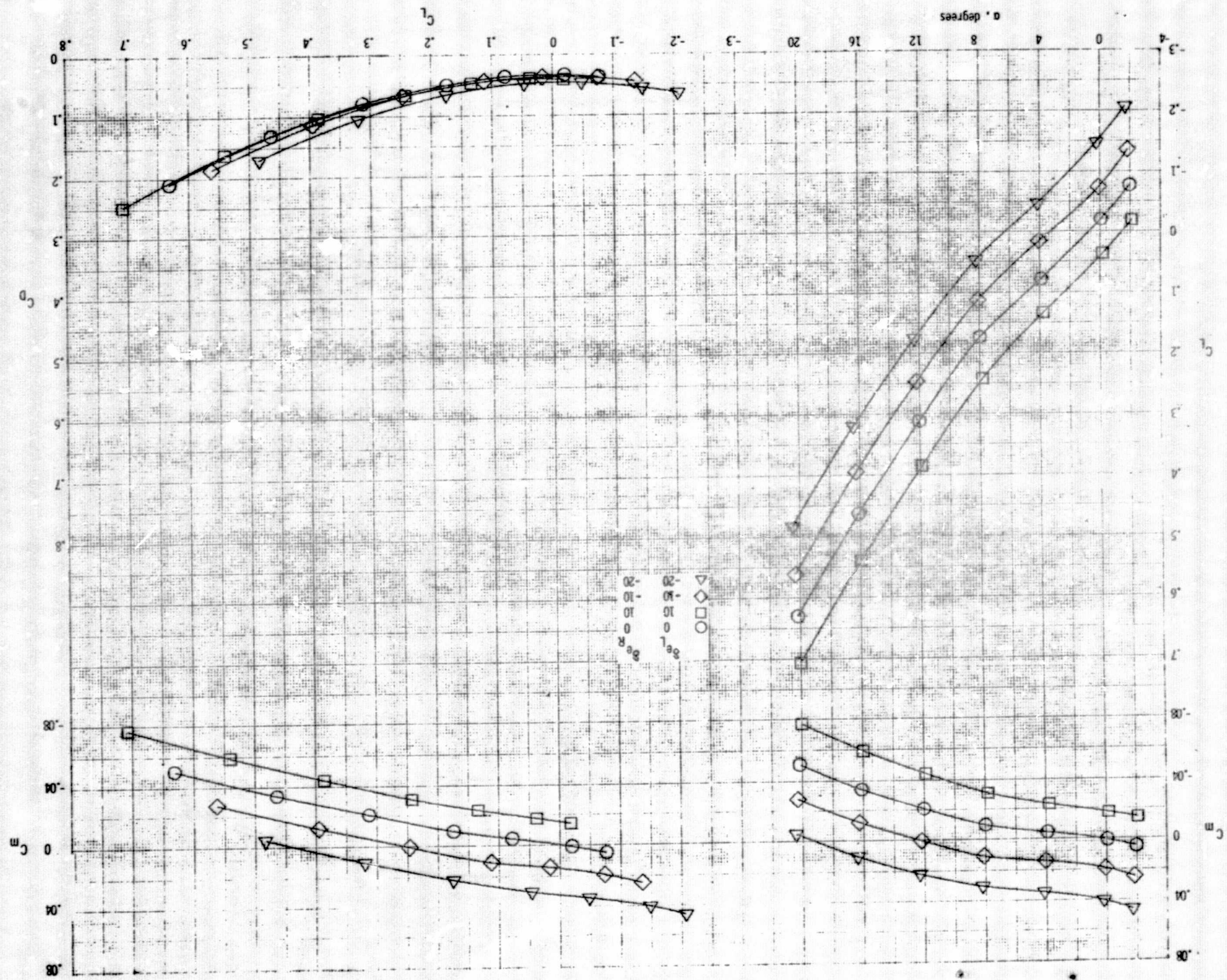
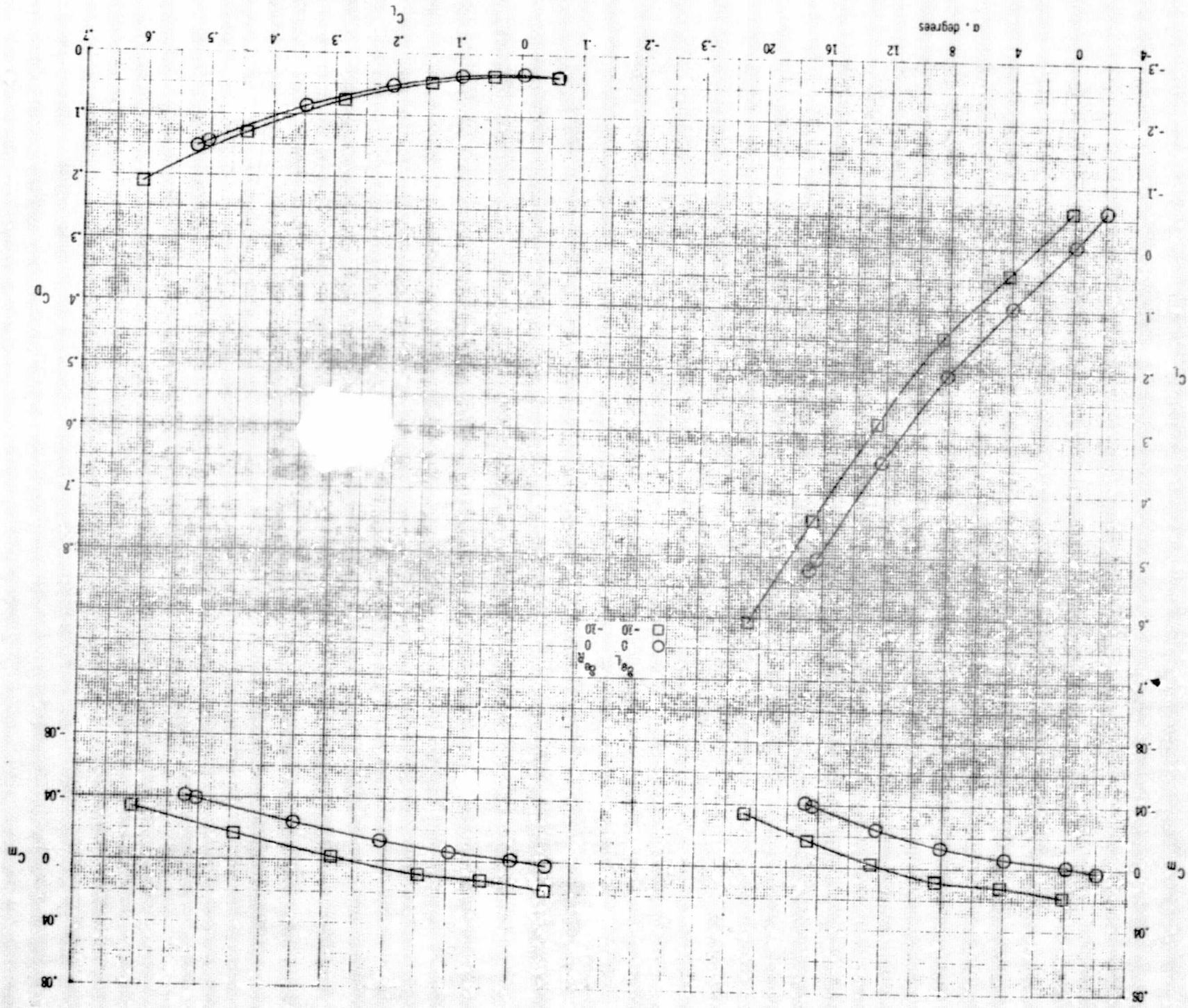


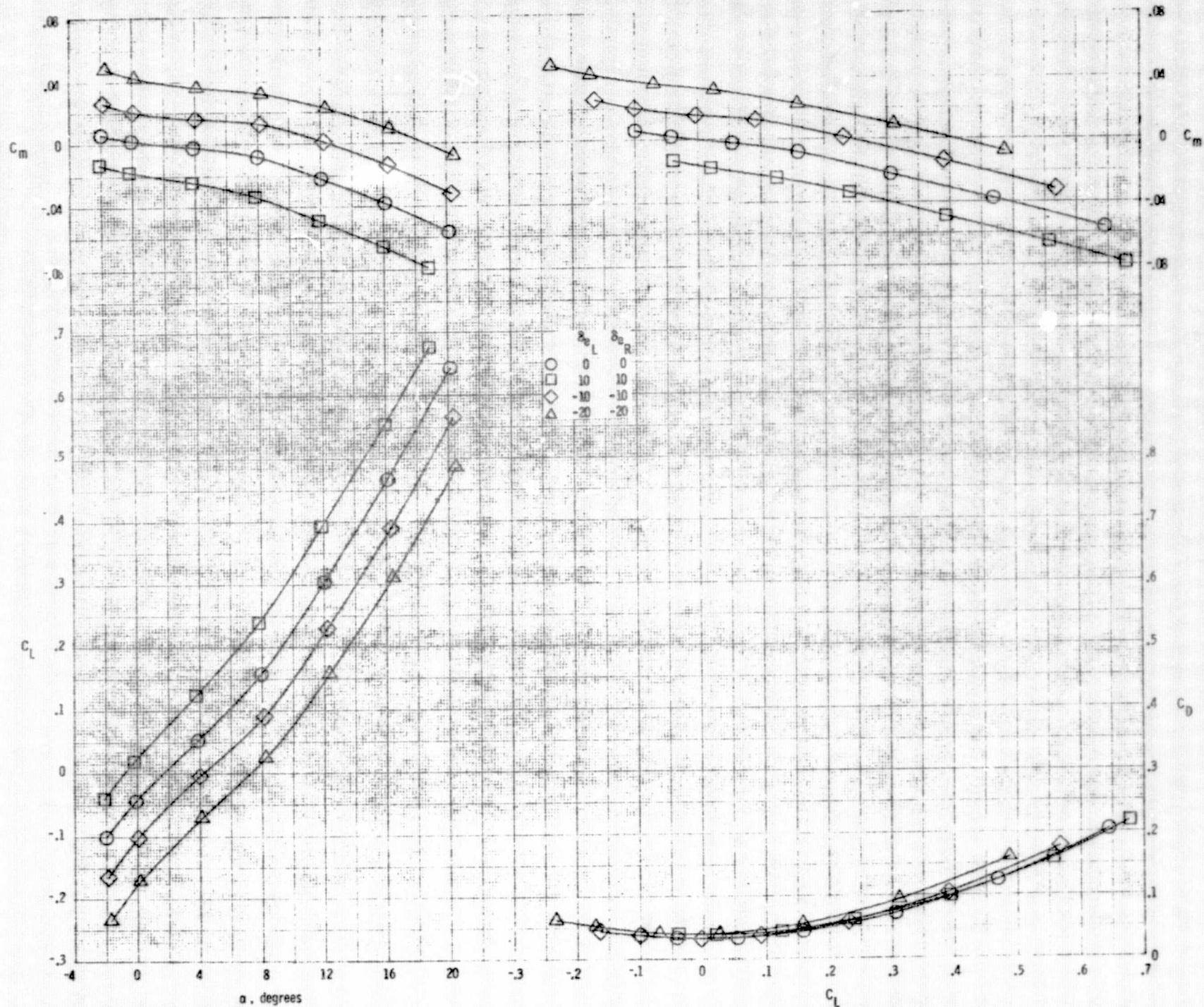
Figure 7. - Effect of Mach number on longitudinal aerodynamic characteristics of configuration $B_{33}X_{33}S_{32}C_{23}$, $\delta_{eL} = 0^\circ$, $\delta_{eR} = 0^\circ$.

(a) $M = 0.4$
 Figure 8. - Effect of elevons on longitudinal aerodynamic characteristics of configuration B₃X₃S₃C₃B₃

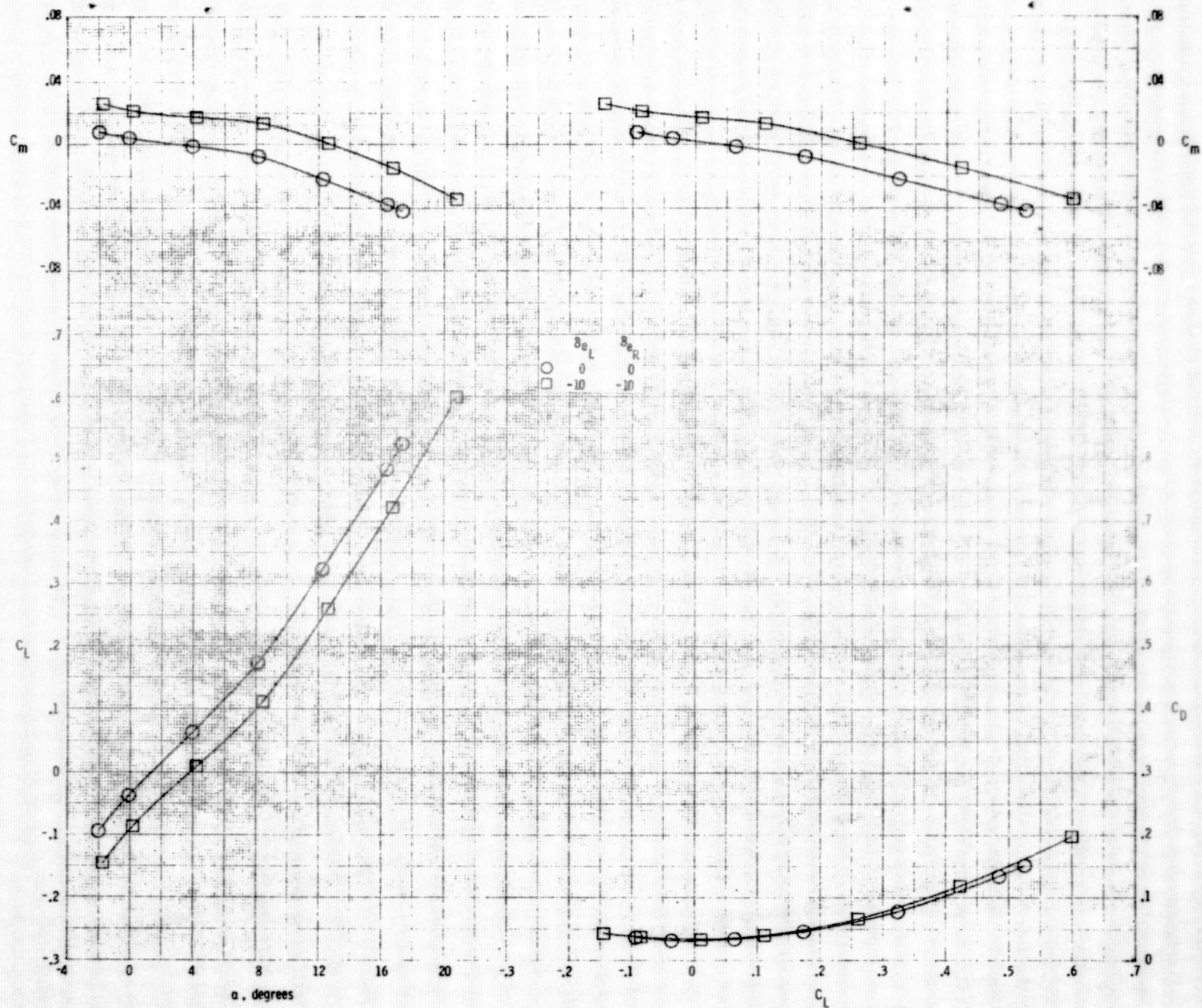


(b) $M = 0.6$
Figure 8. - Concluded





(a) $M = 0.4$
 Figure 10. Effect of elevons on longitudinal aerodynamic characteristics of configuration $B_1X_1S_3C_2A_1$.



(b) $M = 0.6$
Figure 10. - Concluded.

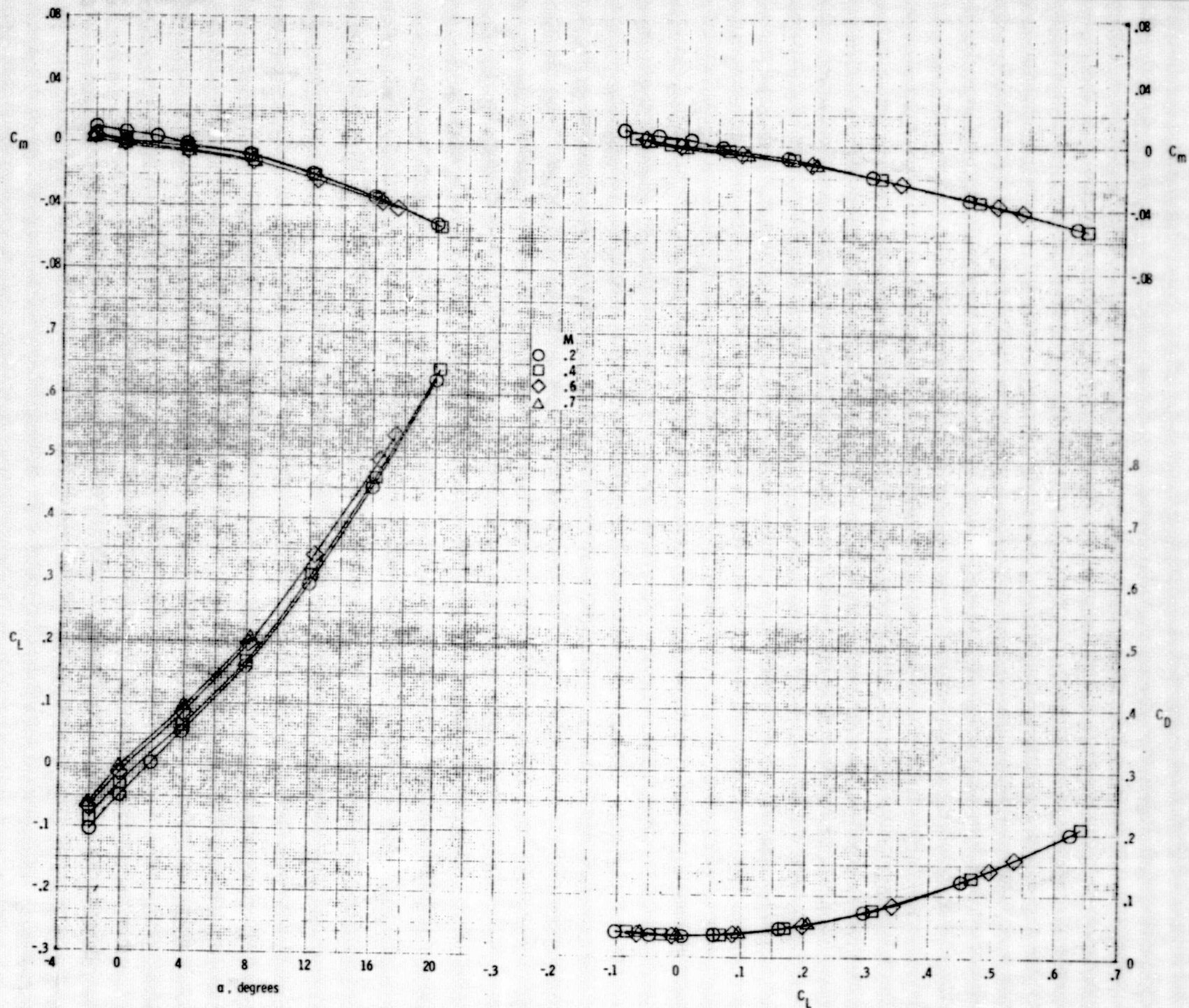
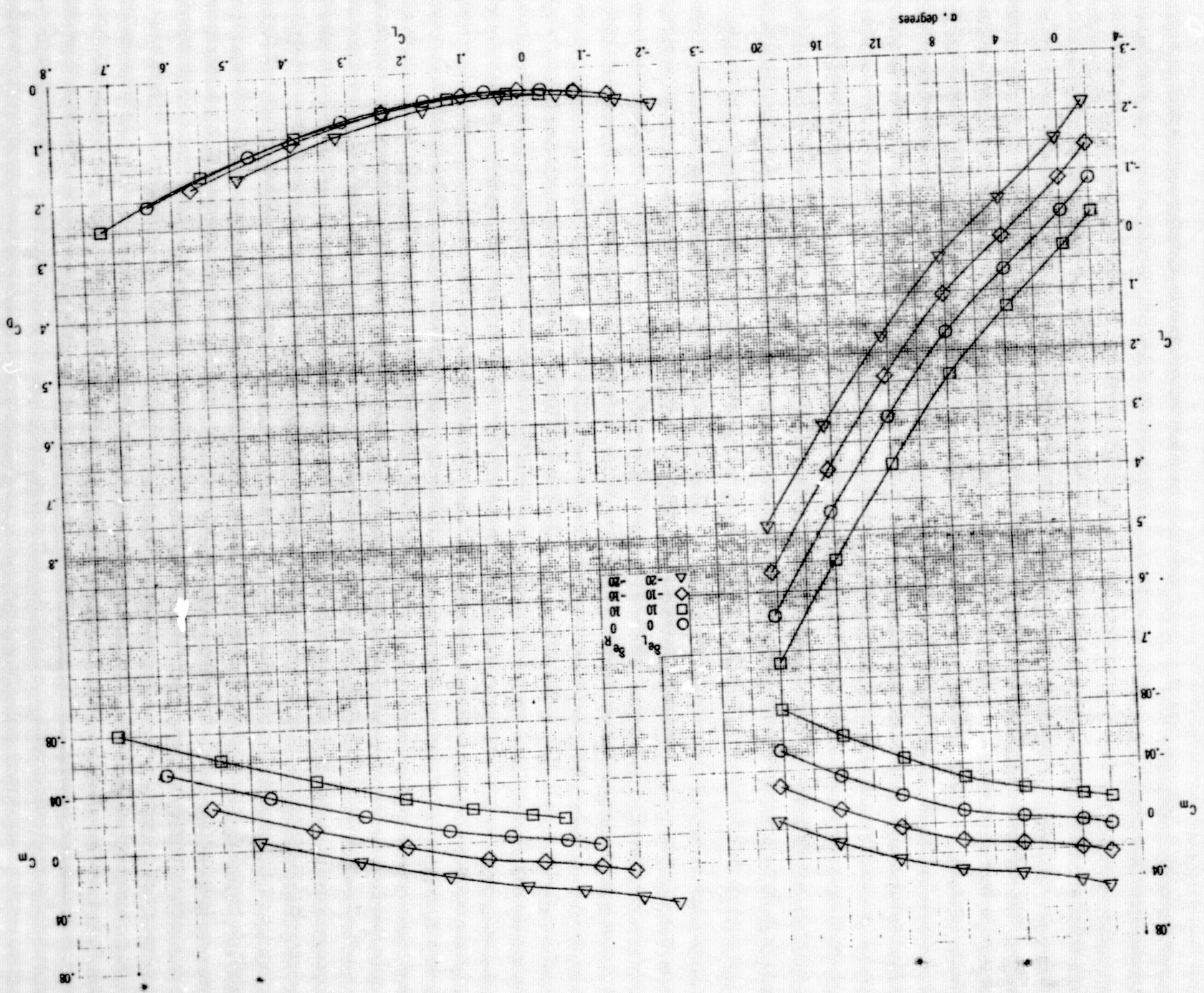
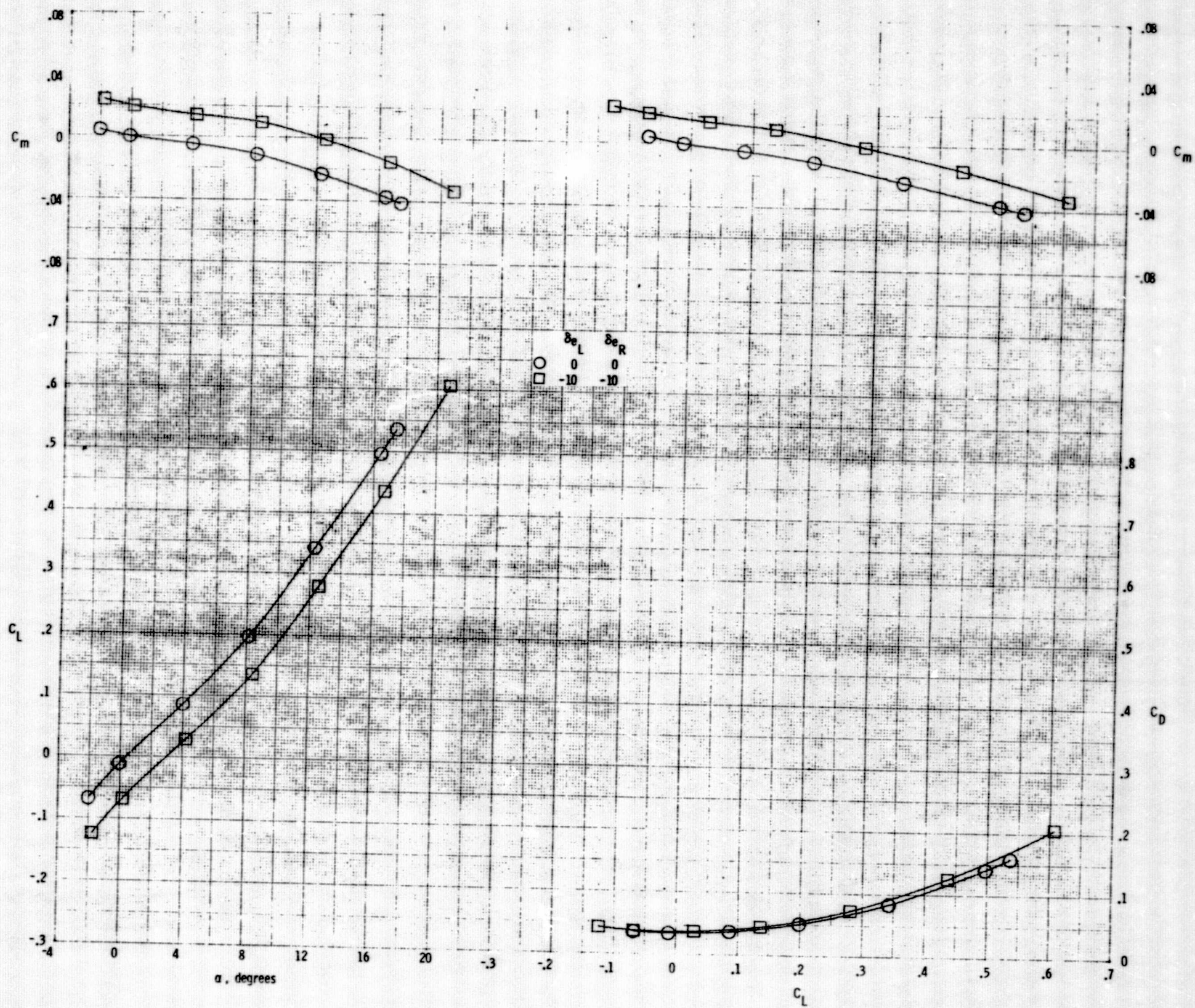


Figure 11.- Effect of Mach number on longitudinal aerodynamic characteristics of configuration $B_{22}X_{23}S_{22}C_{22}R_{22}$ $\delta_{eL} = 0^\circ$, $\delta_{eR} = 0^\circ$.

(a) $M = 0.4$
 Figure 12. - Effect of elevons on longitudinal aerodynamic characteristics of configuration B₂X₂S₃C₂Z





(b) $M = 0.6$
Figure 12 - Concluded.

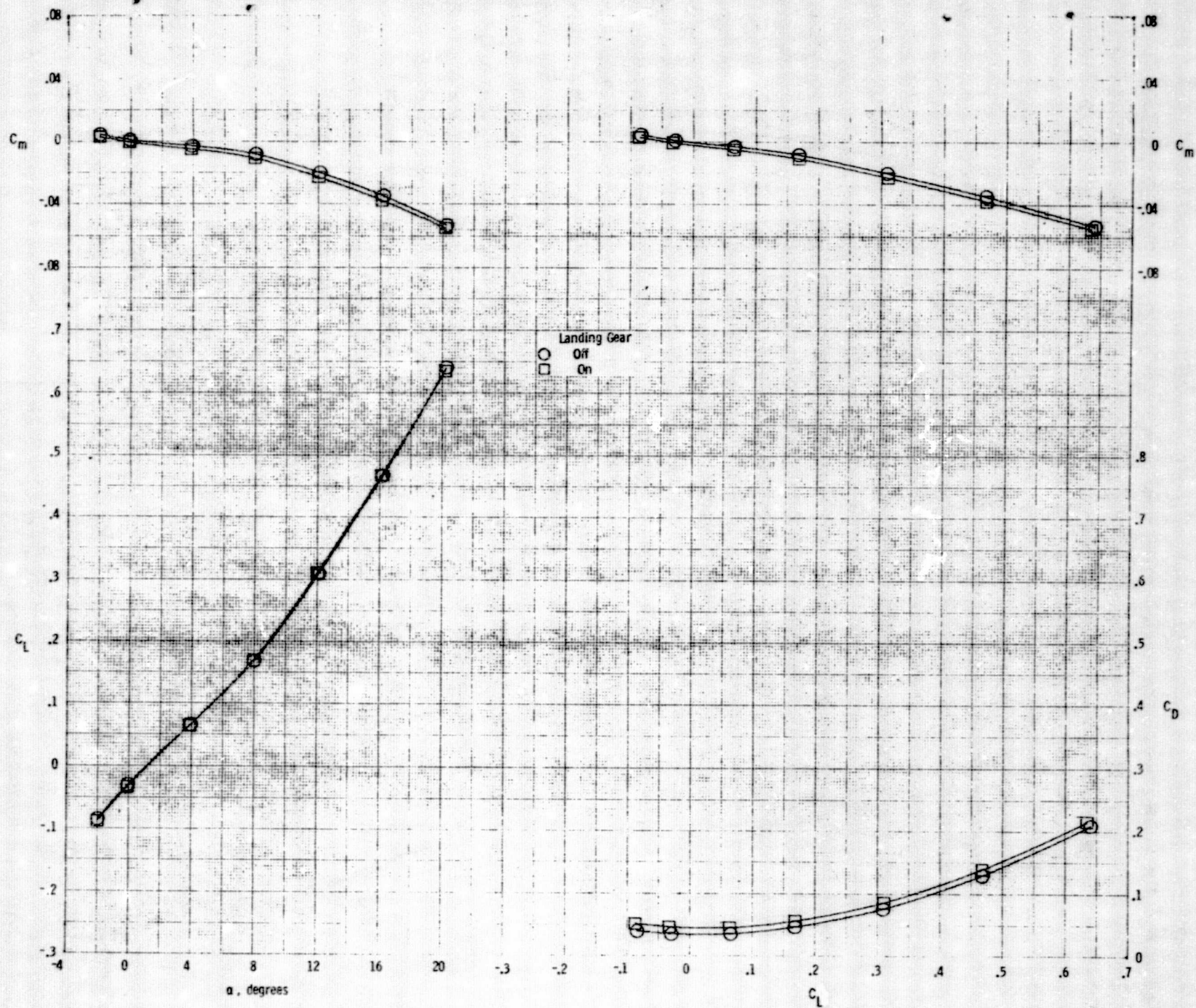
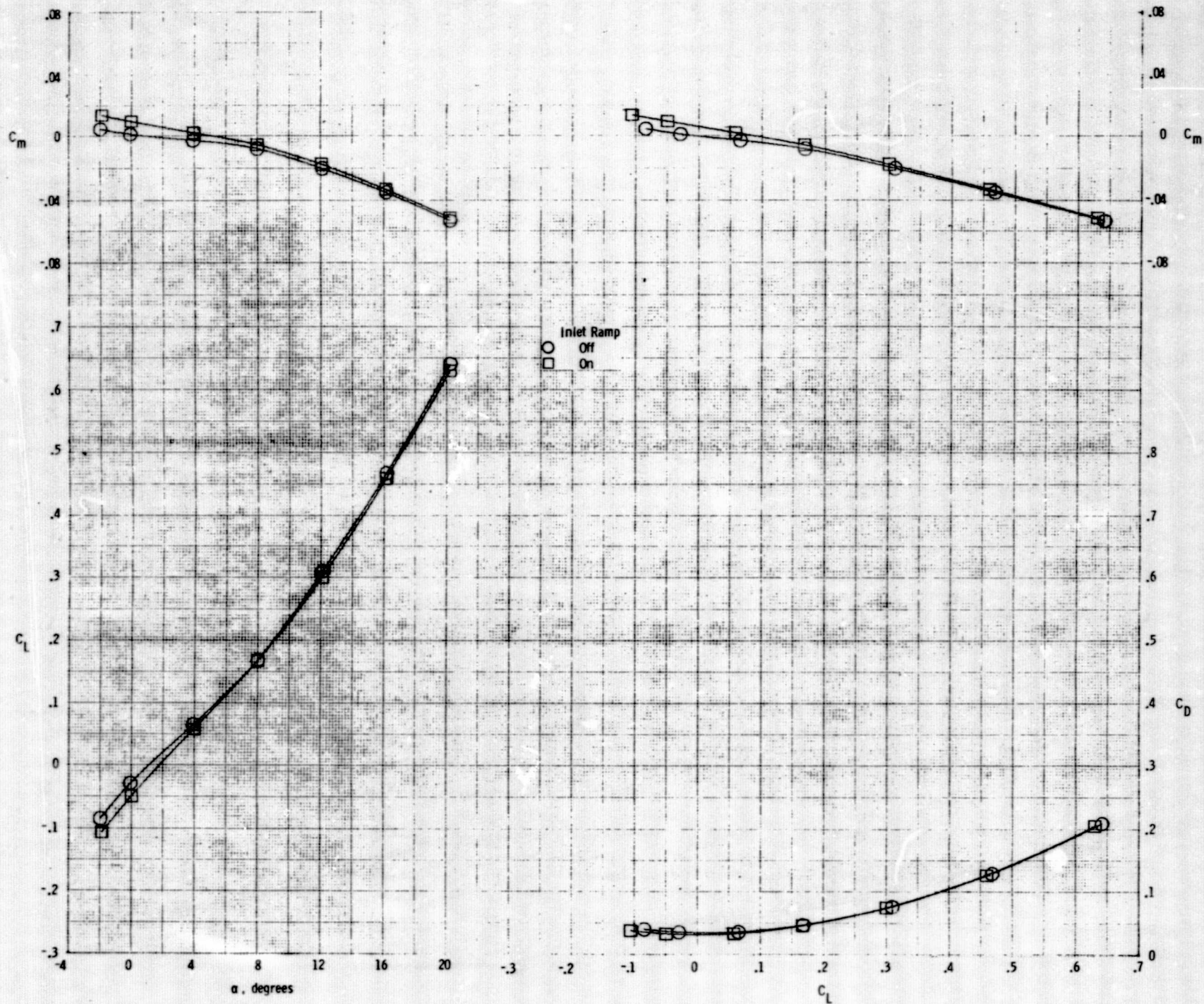
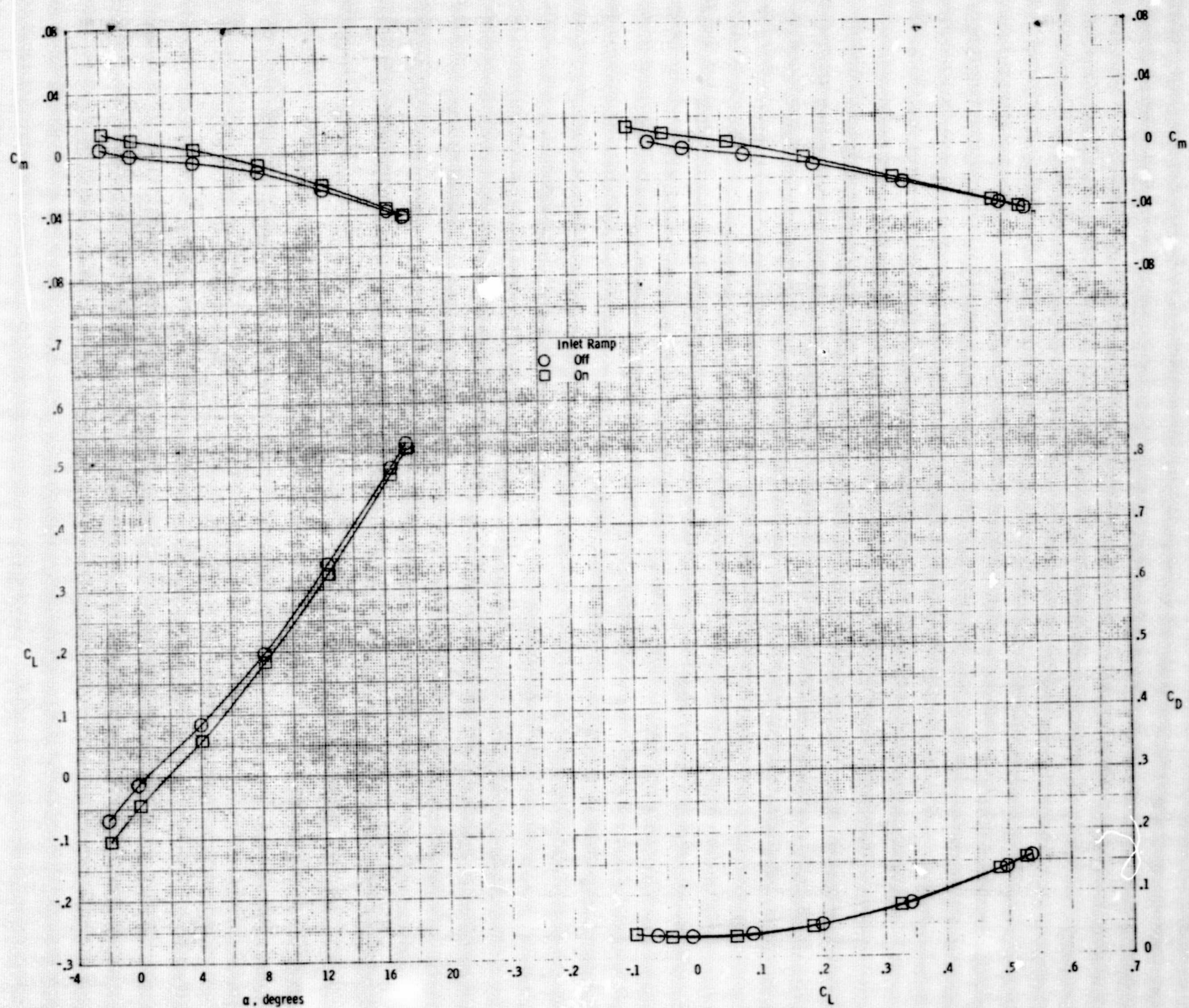


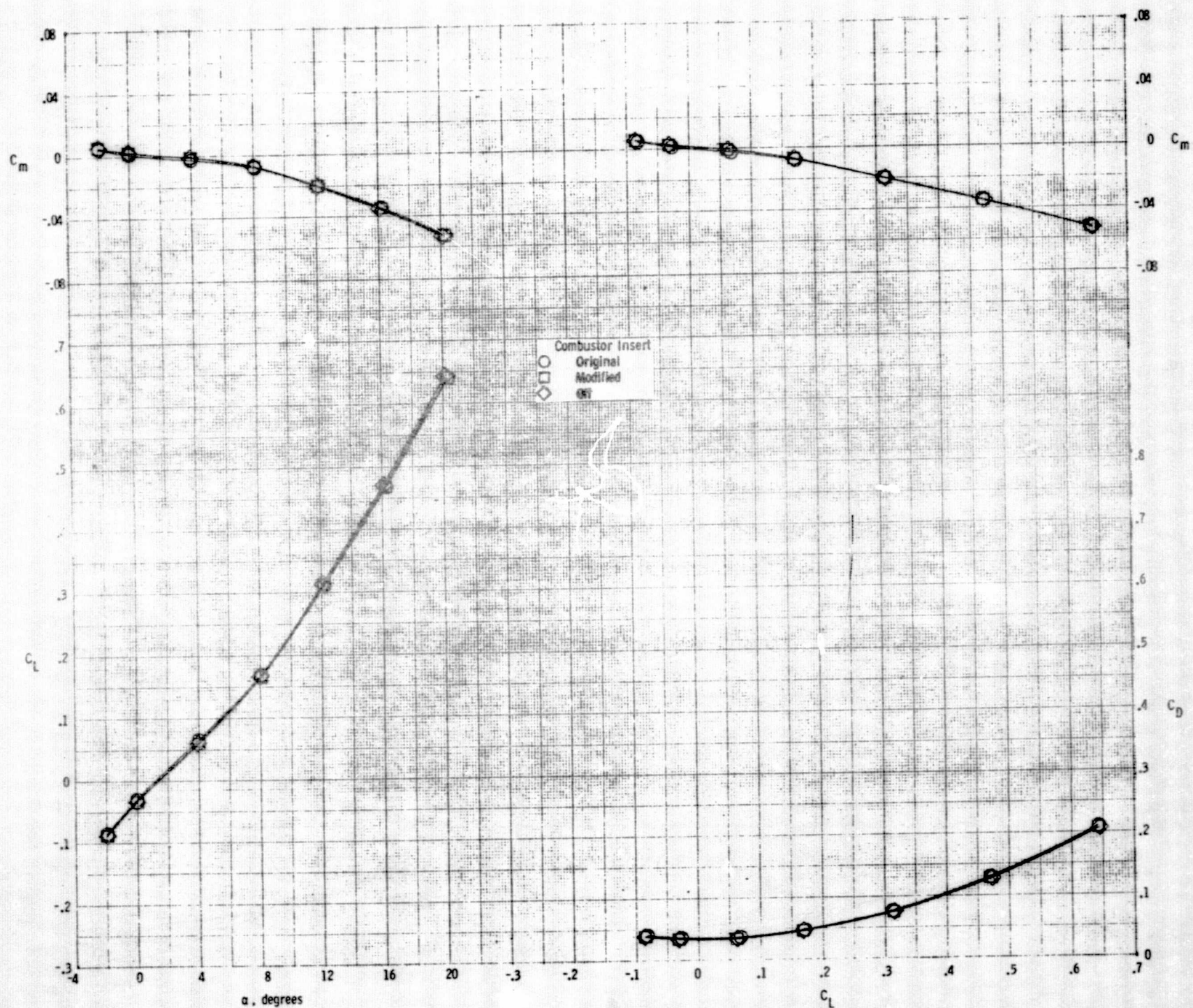
Figure 13. - Effect of landing gear on longitudinal aerodynamic characteristics of configuration $B_{22}X_{23}S_{22}C_{22}R_{22}$ $\delta_{e_L} = 0^\circ$, $\delta_{e_R} = 0^\circ$, $M = .4$.



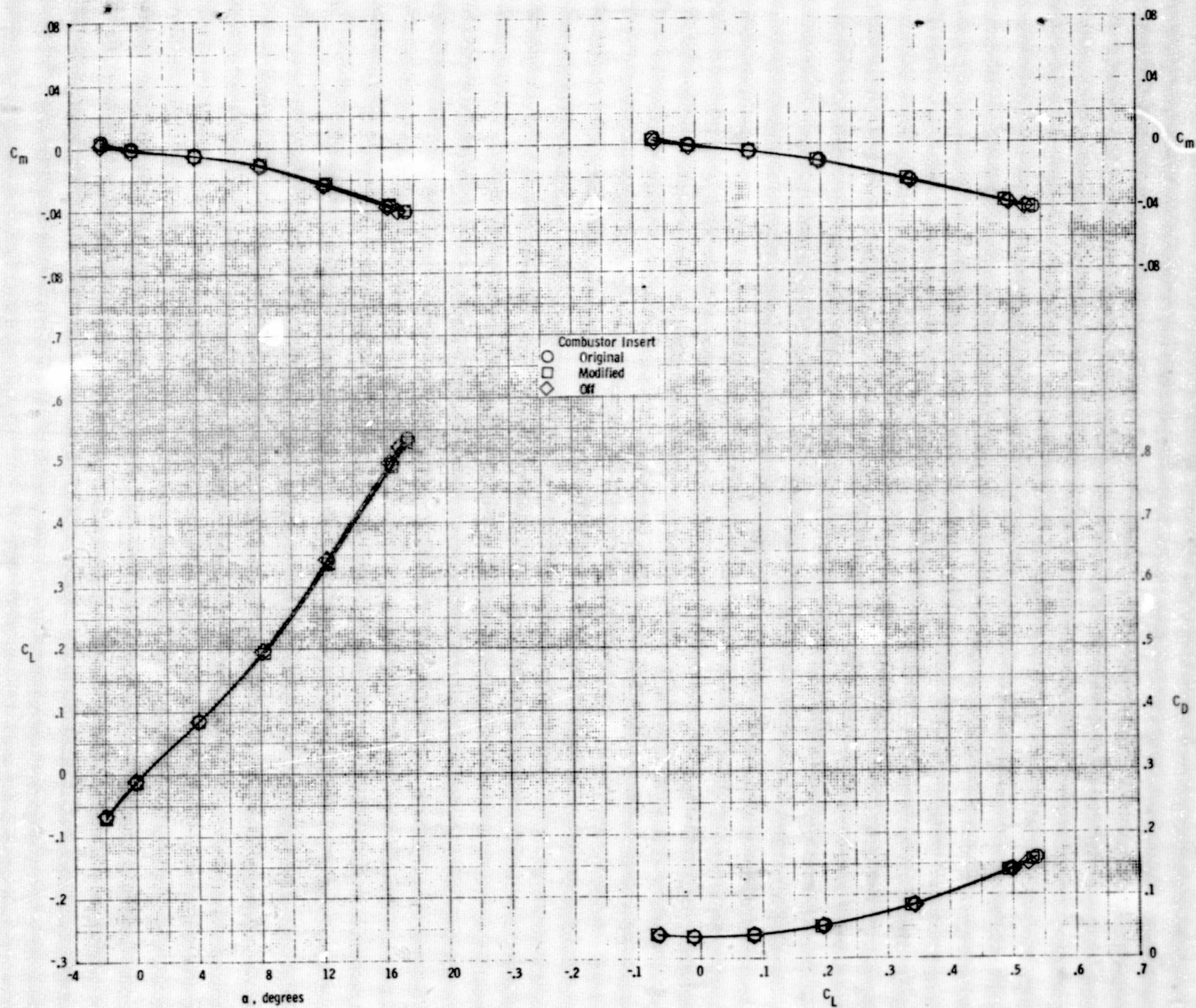
(a) $M = 0.4$
 Figure 1C - Effect of inlet ramp on longitudinal aerodynamic characteristics of configuration $B_2X_2S_3C_2\theta_2$



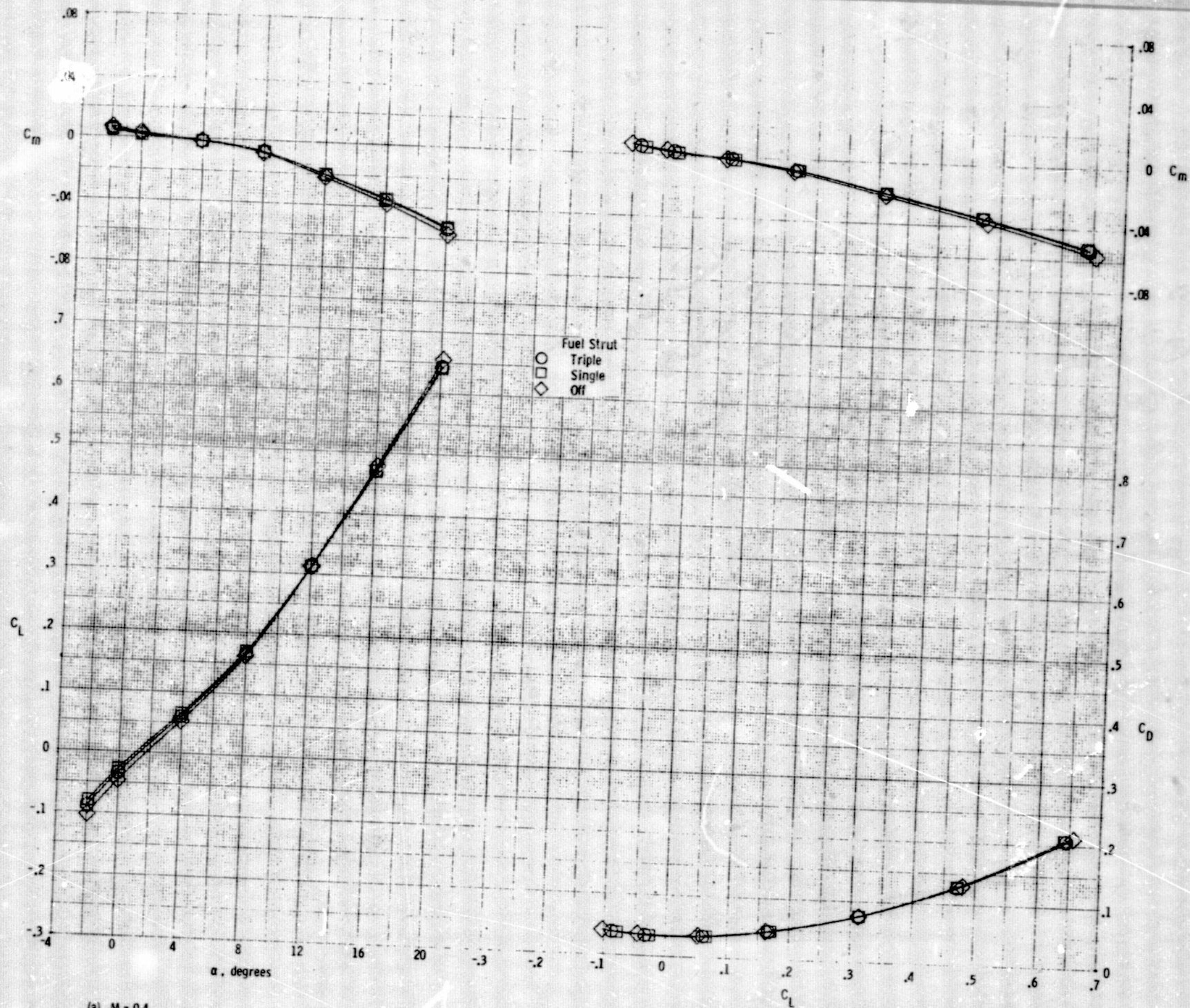
(b) $M = 0.6$
Figure 14 - Concluded.



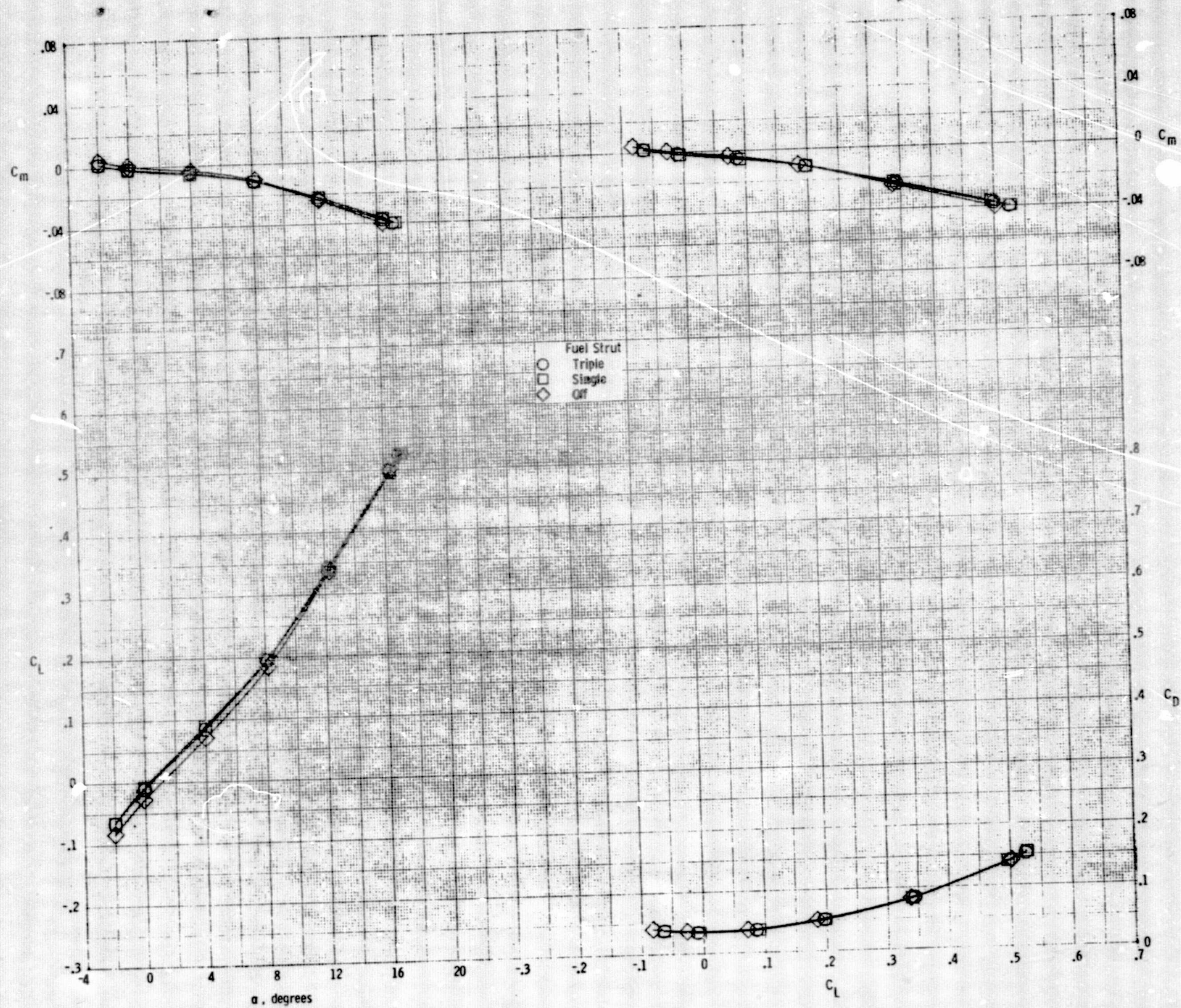
(a) $M = 0.4$
 Figure 15. - Effect of combustor insert on longitudinal aerodynamic characteristics of configuration $B_2X_2S_3B_2$ $\delta_{eL} = 0^\circ$, $\delta_{eR} = 0^\circ$.



(b) $M = 0.6$
Figure 15. - Concluded.



(a) $M = 0.4$
 Figure 16 - Effect of fuel struts on longitudinal aerodynamic characteristics of configuration B₂X₂C₁₂, $\delta_{eL} = 0^\circ$, $\delta_{eR} = 0^\circ$.



(b) $M = 0.6$
Figure 16. - Concluded.